



# User Guide

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May 8, 2024

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# 1 User guide overview

When working with Relativity as a reviewer, it's important to familiarize yourself with the software's many features.

This guide outlines Relativity's capabilities and walks you through how you can best use Relativity for document review, from logging in to creating a word index inside a workspace.

## 1.1 Navigation

Relativity is an application with many screens and functions. This section describes the Review Interface you use to review documents and some of the standard procedures you'll need to perform as you use the product.

### 1.1.1 Logging in

Relativity offers several ways to log in and it's possible to have two or more methods available to you. Your system admin will provide you with all the information you need to log on. Contact your system admin if you have additional questions.

For procedures to log in, see [Logging in to Relativity](#).

### 1.1.2 Tab navigation

When you log in to Relativity, you see tabs displayed in the sidebar on the left side of the page. You may also be able to access tabs using the tab strip, which runs horizontally across the top of the page. The sidebar and tab strip display the currently available tabs whether you are on the instance or workspace-level. The active tab in the sidebar is indicated by the tab icon displaying in orange and in the tab strip, the active tab is indicated by an orange line displaying under the name.

The tabs are arranged based on the order value for each tab.

You can navigate tabs using the following features.

#### 1.1.2.1 Sidebar

The sidebar allows you to place tabs that you commonly use on the left-side of Relativity so that you can access them at your convenience.

**Salt vs. Pepper** Entities ▾ Entities ☆

Entities Aliases

> 🔍 **New Entity** Entities – Processing View **Add Widget**

1 - 10 of 10 25 per page

#	Full Name	Document numbering prefix	Classification	Notes
1	Adams, Felicity	ADA	Custodian – Processing	
2	Caruso, Alexander	CAR	Custodian – Processing	
3	Derozan, John	DER	Communicator – Analytics	
4	Farrell, Ndaya	FAR	Custodian – Processing	
5	Parker, Candi	PARK	Communicator – Analytics; Custodian – Processing	
6	Stone, Brittany	STO	Communicator – Analytics; Custodian – Processing	
7	Thompkins, Brian...	KINS		
8	Thompson, George	TH	Communicator – Analytics	
9	Wolfe, Jason	WOLF		
10	Zipper, Andy	ZIP	Communicator – Analytics	

All 10 **Edit** **^** **Total: 10**

Tabs are ordered from top to bottom of the sidebar based on the value entered in **Order**. The lowest order value displays at the top and the highest value displays at the bottom.

The total number of tabs that display in the sidebar is determined by the resolution of your browser. Tabs that have been assigned to the sidebar and do not fit, are available by hovering your cursor over the **More** icon. If a tab has one or more child tabs, you can view and select those tabs by hovering over the parent tab's row in the fly-out menu.

**Salt vs. Pepper** Documents ☆

All Documents No Related Items **Add Widget** Document List

Keyword Search Enter Search Terms **Search** **Clear**

1 - 100 of 634 100 per page

#	File Type	Control Number	Custodian	Record Type	Email From	Email To	Responsive
1	ZIPPER	AZIPPER_0007291	Zipper, Andy	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted
2	ZIPPER	AZIPPER_0007293	Zipper, Andy	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive
3	ZIPPER	AZIPPER_0007299	Zipper, Andy	Attach	Beck Sally <Sally.Beck@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted
4	ZIPPER	AZIPPER_0007300	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive
5	ZIPPER	AZIPPER_0007491	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive
6	ZIPPER	AZIPPER_0007494	Zipper, Andy	Attach	Boyd Justin <justin.boyd@enron.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Sheriff John <John.Sheriff@ENRON.com>	
7	ZIPPER	AZIPPER_0007496	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Needs Further Review
8	ZIPPER	AZIPPER_0007746	Zipper, Andy	Attach	McQuade Jennifer <Jennifer.McQuade@ENRON.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Zipper Andy <Andy.Zipper@ENRON.com>	Technical Issue
9	ZIPPER	AZIPPER_0011373	Zipper, Andy	Attach	SCS_2 <scsloptions@attglobal.net>	Undisclosed-Recipient: @mailman.enron.com;	
10	ZIPPER	AZIPPER_0011374	Zipper, Andy	Attach			
11	ZIPPER	AZIPPER_0011375	Zipper, Andy	Attach			
12	ZIPPER	AZIPPER_0011376	Zipper, Andy	Attach	Enron Announcements/Corp/Enron@ENRON <IMCEANOTES-Enron+20Announcements_Corp_Err@ENRON.com>	All Enron Worldwide@ENRON <IMCEANOTES-All+20Enron+20Worldwide+40ENRON@ENRON.com>	

All 634 **Edit** **^** **Save Search** **Total: 634**

The More icon will display with an orange bar on the right side **More** to indicate that the active tab is located in the More menu.

To add a new or pre-existing tab to the sidebar, toggle the **Show in Sidebar** on and click **Save**.

Tab Location

Show in Sidebar \* ☒

Icon \*


Parent

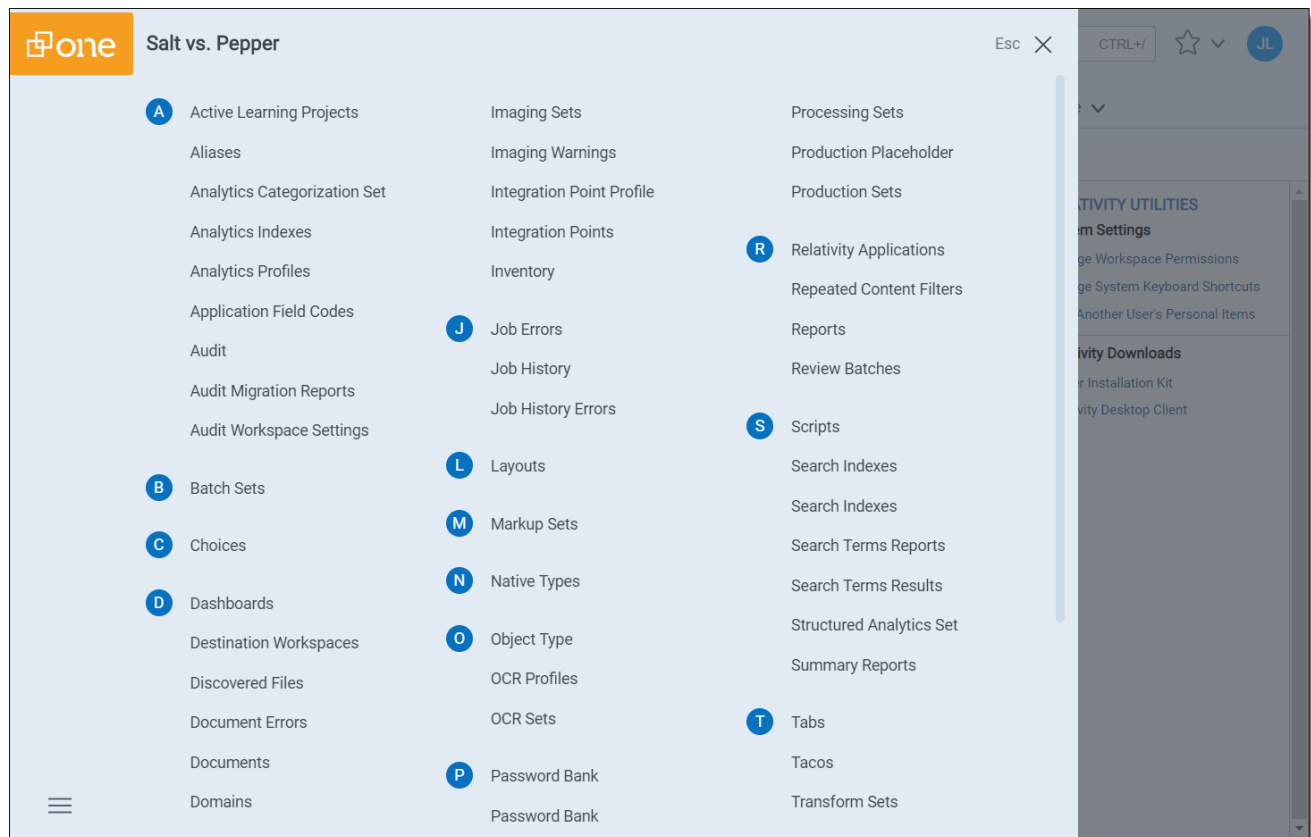
Order \*  [View Order](#)

Tabs can display in the sidebar with their name and icon. Alternatively, to reduce the width of the sidebar and increase the number of icons that can display, you can click the collapse arrow icon to only display the icon for each tab.



### 1.1.3 All tabs menu

Click the  icon at the bottom of the sidebar to display the All tabs menu. Every child tab that a user can view, as determined by their permissions, will display in the menu in alphabetic order. This menu does not display parent tabs.



### 1.1.4 Tab strip

If you select a tab that either has child tabs or is a child tab to a parent tab, the tab strip will display horizontally across the top of Relativity. If a tab in the tab strip has one or more children tabs, hover your cursor over it to view and select the desired tab. Depending on the size of your browser, there may be more tabs than can display in the tab strip. You can hover your cursor over **More** in the tab strip to view additional tabs in a fly-out menu.

one

Salt vs. Pepper

Reporting Search Terms Repo... Search Terms Reports ☆

Search Terms Report

Summary Reports

Pivot Profiles

Domains

> 🔍

New Search Terms Report

All Search Terms Reports

Documents

Entities

Review Batches

Processing

Batch Sets

Workspace Details

Persistent Highlight...

More >

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1

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4

5

Filter

STR - Search Terms Report

May STR

Trade Secrets STR

Florida vs. Wyatt STR

Hart vs. Bradley STR

Index

STR dtSearch

STR dtSearch

dtSearch

STR dtSearch

dtSearch

Type

Report and tag

Report and tag

Report and tag

Report and tag

Report and tag

Status

Completed

Searchable set

All Documents

All Documents

All Documents

All Documents

All Documents

1

- 5 of 5

100

per page

⏮ ⏪ ⏩ ⏭

☰

All 5

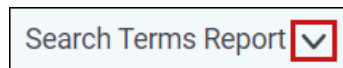
Copy

⬆

Total: 5

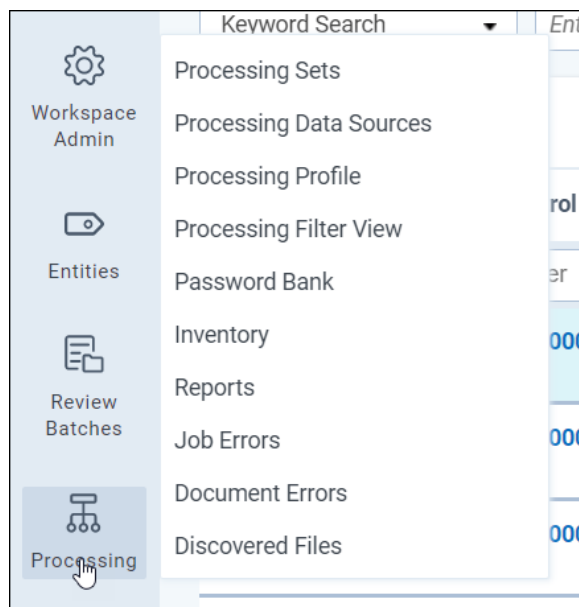
#### 1.1.4.1 Parent and child tab display

Parent tabs can be displayed in the sidebar or the tab strip. Tabs that have child tabs in the tab strip will display with an arrow on the right side.

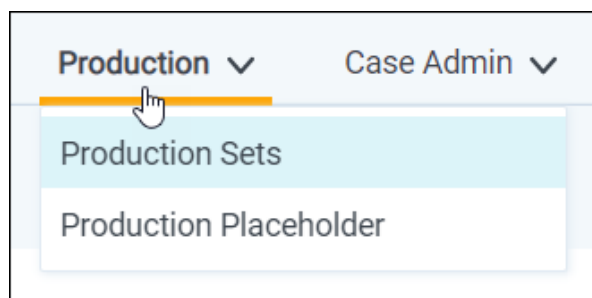


To view the child tabs of a parent tab in the sidebar or tab strip, hover your cursor over the parent tab and the child tabs will display in a fly-out menu.





When you select a child tab from the sidebar or the tab strip, you are taken to that page. For example, Production Sets. In addition to an orange bar displaying underneath the parent tab in the sidebar, the child tab and the path to reach the active tab is highlighted in blue to help you track your location in the sidebar or the tab strip.



Instead of clicking the drop-down arrow, you can also click the parent tab itself. Clicking the parent tab takes you to the default child tab, which is identified by the order setting for each child tab.

### 1.1.5 User options


When you first log in to Relativity, you see the default Home tab. Relativity displays the Workspaces tab as your default Home tab when you navigate to Home. You can change the default Home tab to be any tab you want.

You can click your avatar in the upper-right corner to see the user drop-down menu. The avatar contains the initials of your first and last name

#### 1.1.5.1 Changing the default Home tab

Relativity displays the Workspaces tab as your default Home tab when you navigate to Home. You can change the default Home tab to be any tab that is available for default and that is not a specific tab within a workspace.

Perform the following steps to change the default Home tab:

1. Navigate to the **Tabs** tab.
2. Click on the tab you want to set as the default Home tab.
3. Click the  in the row of the tab you wish to edit.
4. Toggle the **Set as Default Tab** field on.
5. Click **Save**.

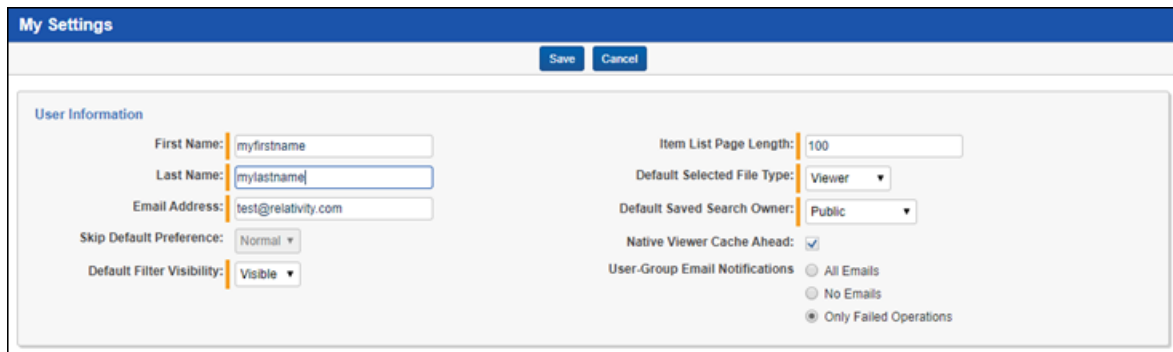
---

**Note:** If a user is not a member of a group with permission to view the tab set as the default Home tab, Relativity redirects to the lowest ordered tab the user's permissions allow.

---

#### 1.1.5.2 My settings

Clicking **My Settings** from within the user drop-down menu opens a settings mode pop-up, which displays your user information. Click **Edit** to change your settings.



- **First name**—your first name.
- **Last name**—your last name.

---

**Note:** Your first and last name appear as your username throughout Relativity.

---

- **Email address**—your email address and login.
- **Skip Default Preference**—when reviewing documents, skip prevents a reviewer seeing documents that are already coded, depending on the selected view. Choose one of the following options:
  - **Normal**—this setting disables the skip feature.
  - **Skip**—this setting turns on the skip feature.
- **Default Filter Visibility**—determines whether or not the filters for columns in views display by default.
  - **Hidden**—hides filters by default.
  - **Visible**—displays filters by default.
- **Item list page length**—a numeric field indicating the default list length for all lists in Relativity. It can be set from 1-200.

- **Default Selected File Type**—the default viewer mode used when first loading the Viewer. Viewer, Native, Image, Long Text, or Production. If the mode selected is not available, the Viewer will instead use the first available option. See [Viewer on page 87](#) for details.
- **Default Saved Search Owner**—determines whether saved searches are public or private by default. If set to Public, the search is public and all users with rights to it can see it. If set to Logged in User, the search is private and only the logged in user is able to see it.

---

**Note:** Depending on your permissions, you may not have rights to edit the **Default Saved Search Owner** field.

---

- **Native Viewer Cache Ahead**—if checked, this field pre-loads the next native document in your review queue when the active document is loaded.
- **User-Group Email Notifications**—user's preference for email notifications when adding or deleting Users or Groups.
  - **All Emails**—receive all email notifications.
  - **No Emails**—receive no email notifications.
  - **Only Failed Operations**—receive email notifications on failed operations only.

---

**Note:** Depending on your permissions, you may not have rights to edit the **User-Group Email Notifications** field.

---

After changing your settings as needed, click **Save**.

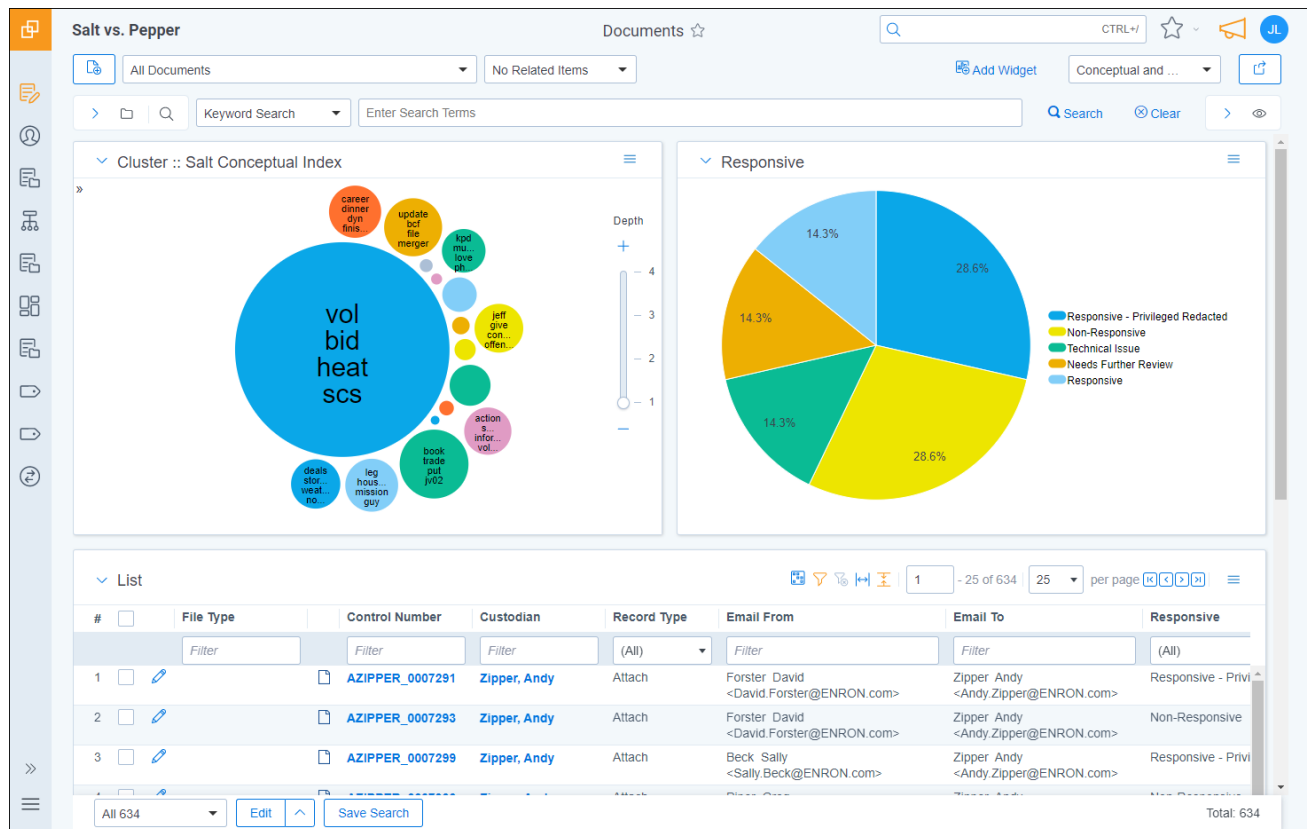
### 1.1.5.3 Dashboards

When you've created a page configuration you'd like to preserve, you can create a customized dashboard. You can save multiple dashboards to quickly change the page configuration. The item list and any widgets on the dashboard will update automatically in response to filtering or searching. Dashboards only report on data within the workspace you are in.

---





**Note:** For a list of dashboards that provide an effective starting point for administrators to help review teams visualize their data set, see Common commonly-used dashboards in the Admin Guide.

---



The page initially appears with the folder browser on the top left, the search panel on the bottom left and the item list to the right. Within this new framework, you have multiple options for customizing your display.

You can resize, move, or collapse any panel on the page, including any widgets you create.

- To resize any panel, hover over the line separating the item list from the panel until you see the mouse pointer change to horizontal arrows, then click and drag.
- To move, hover over the top of the panel until you see the  icon. Then, click and drag the panel to the new location.
- To collapse the search panel or browser pane, click the  icon. Once collapsed, click the  icon to restore the browser pane or the  icon to restore the search panel.

Additionally, you can drag and drop panels to rearrange on the page. Click any panel and drag it to a new location. The other panels will automatically move to accommodate the panel you're dropping.

Dashboards and widgets can be copied over to newly created workspaces if they are part of a template. Dashboards only report on data within the workspace you are in if data is loaded in the workspace.

**Note:** You must have the correct workspace permissions to add, edit, or save a dashboard and to save pivot widgets to your dashboard.

You can also export individual Pivot widgets to Excel or to PNG format from each widget's context menu. See Exporting a Pivot widget in the Admin Guide for more information.

---

**Note:** To enable the Add Widgets button and Pivot functionality for an Relativity Dynamic Object (RDO), you must select Enabled for the **Pivot** property in the Object Type Information section for the object.

---

### Creating a dashboard

To create a dashboard:

1. Click the **Dashboards** drop-down menu in the top right corner of the screen.



---

**Note:** You can only access the drop-down if Pivot is Enabled for the given object type.

---

2. Click **New Dashboard** to save the current page configuration as a new dashboard.
3. Enter a name and an order number for the dashboard.

---

**Note:** The dashboard with the lowest order number will appear by default when you log in to Relativity.

---

### Adding widgets to a dashboard

You can add the following widgets to customize your dashboard:

- **Pivot charts and tables**—you can use Pivot to summarize data in tables or charts to visually analyze trends in your data.
- **Cluster visualizations**—on the Documents tab, you can use Relativity Cluster Visualization to render your cluster data as an interactive visual map by adding a Cluster Visualization widget. This offers you a quick overview of your document cluster sets and quickly drill into each cluster set to view sub-clusters and conceptually-related clusters of documents. Please note that there may be only one cluster visualization widget per dashboard.
- **Communication Analysis**—after running the name normalization operation within structured analytics, you can use this widget to visualize communication frequencies, patterns, and networks between the entities linked to the documents in the view.

---

**Note:** When you reach the maximum number of widgets allowed on a dashboard, the **Add Widget** button will be grayed out and a tooltip displays when you hover over it that lets you know the reason you cannot add any additional widgets to your dashboard. This is controlled by the **MaxNumberDashboardWidgets** instance setting.

---

### Saving changes to a dashboard

You can also make changes on the fly and save a dashboard with the changes. If a dashboard has not been saved, an orange notification displays in the Dashboard drop-down menu until it is saved.


1. Click the Dashboards drop-down menu in the top right corner of the screen to display the list of dashboards available on the current tab.
2. Click **Save** to save the changes to the existing dashboard. Click **Save As** to save the page configuration as a new dashboard, and then enter a **Name** and **Order** number.

---

**Note:** If a dashboard is part of a locked application, the option to save the dashboard is unavailable.

---

### Deleting a dashboard

To delete a dashboard from the current tab you are in, click the  icon to the right of the dashboard you want to delete in the Dashboards drop-down menu.

Click **Delete** in the Delete Dashboard Confirmation pop-up window to delete the dashboard.


---

**Note:** If a dashboard is part of a locked application, the option to delete the dashboard is unavailable.

---

### Renaming a dashboard

To rename a dashboard:

1. Click on the  icon next to the name of the dashboard in the Dashboard drop-down menu.
2. Enter a **Name** and an **Order** number for the dashboard. The order number controls the order in which the dashboard displays in the list.
3. Click **Save** to save your changes.

---

**Note:** If a dashboard is part of a locked application, the option to edit the dashboard is unavailable.

---

#### 1.1.5.4 Using the search panel

While working in the Document list in the new UI framework, you can use the search panel to filter your data.

### 1.1.6 Resetting your password

There are two ways you can reset your password if your system admin has given you the appropriate permissions. You can use the **Reset Password** option inside Relativity or the **Forgot your password?** link on the Relativity login screen.

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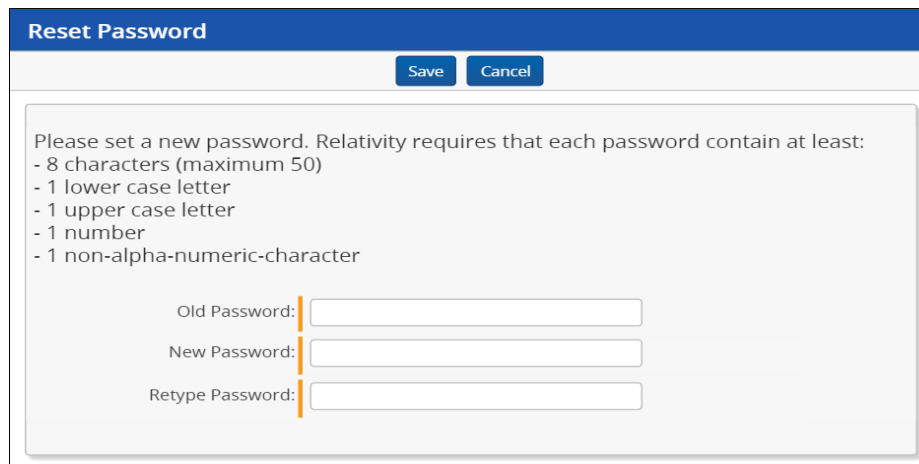
**Note:** If your password has expired, the Reset Password dialog appears automatically when you log in to Relativity. Your system admin determines when your password expires and the number of previous passwords that you cannot reuse.

---

#### 1.1.6.1 Resetting your password inside Relativity

If you're already logged in to Relativity, you can reset your password by clicking **Reset Password** in the Home drop-down menu. This directs you to a Reset Password pop-up dialog.

Enter your old password, then enter and retype your new password. Click **Save**.



**Reset Password**

Save Cancel

Please set a new password. Relativity requires that each password contain at least:

- 8 characters (maximum 50)
- 1 lower case letter
- 1 upper case letter
- 1 number
- 1 non-alpha-numeric-character

Old Password:

New Password:

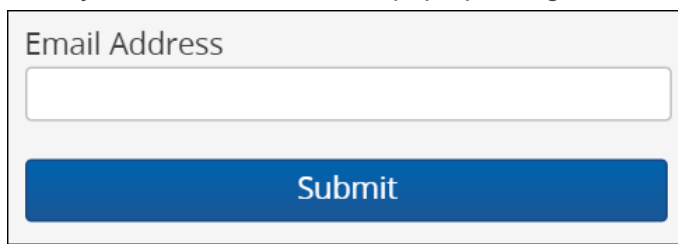
Retype Password:

You can use your new password next time you log in to Relativity.

#### 1.1.6.2 Resetting your password outside Relativity

If you cannot log in to Relativity because you've forgotten your password, perform the following steps to reset your password.

1. Click **Forgot your password?** on the login screen.
2. Enter your email address in the pop-up dialog.




Email Address

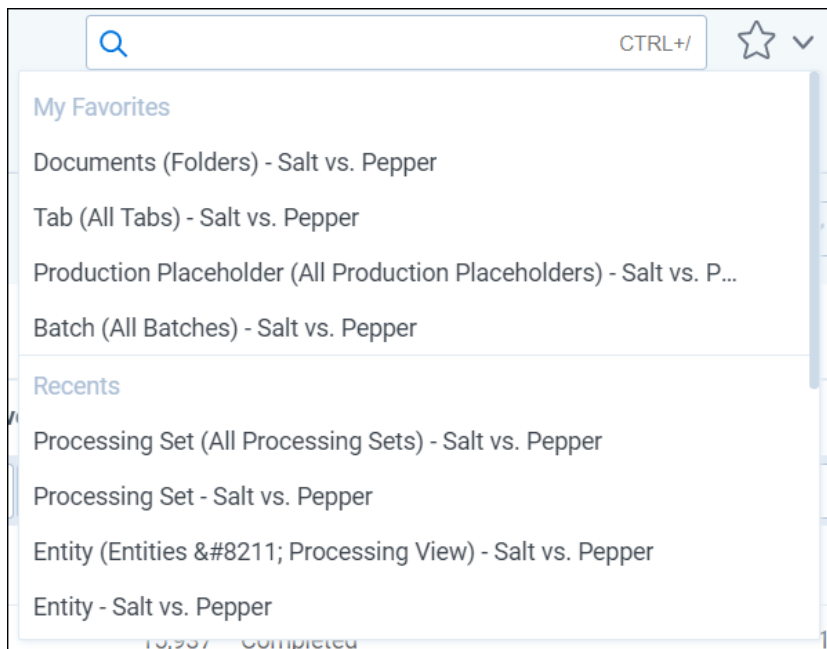
Submit

Relativity sends an email to the address you provide. You should receive this message within a few minutes. If you do not receive an email, check your spam or junk mail folder.

3. Click the link in the email to reset your password. This link will be active for 15 minutes and expires after that time. If the link has expired, or if you click the link more than once, you'll have to generate a new password reset request.
4. The link directs you to a page where you can create a new password.
5. Enter a new password and retype it, then click **Submit**. After your password successfully resets, you'll get a message prompting you to log in with your new password. An email will be sent to the address you entered, notifying you that your password reset was successful.

#### 1.1.7 Favorites

The Favorites menu contains all your bookmarks (Favorites) and the last 10 pages in your browsing history (Recents). The Favorites menu can be accessed by clicking the  icon in the upper-right part of the page.



Use Favorites to quickly navigate the Relativity application. If you visit a particular page on a regular basis, minimize the number of clicks it takes to get there by adding the page as a favorite.

To mark a page as a favorite, click the star to the right of the breadcrumbs at the top of the page. The star turns yellow and Relativity adds the page to the Favorites section. Relativity doesn't limit the number of pages you can mark as a favorite.

#	File Type	Control Number	Custodian	Record Type	Email From	Email To	Responsive
1		AZIPPER_0007291	Zipper, Andy	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted
2		AZIPPER_0007293	Zipper, Andy	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive
3		AZIPPER_0007299	Zipper, Andy	Attach	Beck Sally <Sally.Beck@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted
4		AZIPPER_0007300	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive
5		AZIPPER_0007491	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive
6		AZIPPER_0007494	Zipper, Andy	Attach	Boyd Justin <justin.boyd@enron.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Sherriff John <John.Sherriff@ENRON.com>	Needs Further Review
7		AZIPPER_0007495	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Needs Further Review
8		AZIPPER_0007746	Zipper, Andy	Attach	McQuade Jennifer <Jennifer.McQuade@ENRON.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Zipper Andy <Andy.Zipper@ENRON.com>	Technical Issue
9		AZIPPER_0011373	Zipper, Andy	Attach	SCS_2 <scsloptions@attglobal.net>	Undisclosed- Recipient @mailman.enron.com;	
10		AZIPPER_0011374	Zipper, Andy	Attach			
11		AZIPPER_0011375	Zipper, Andy	Attach			
12		AZIPPER_0011376	Zipper, Andy	Attach	Enron	All Enron Worldwide@ENRON	

Relativity records pages in the Recents section on each page load. That means that pop-up windows aren't recorded as Recents.



**Note:** If you're a system admin, you can turn off this feature by editing the RecentHistoryEnabled and FavoritesEnabled instance setting values. You can also change the number of Recents the Favorites menu displays by editing the RecentHistoryNumberOfItemsDisplays instance setting value.

### 1.1.8 Quick nav

Quick nav can be used to quickly search for and navigate to any workspace or tab in Relativity. To access quick nav, click the Quick nav search box in the upper right corner of Relativity, or use the keyboard shortcut **Ctrl+/,**

**Note:** Verify that the quick nav Ctrl+/, keyboard shortcut works on custom pages. Contact [Customer Support](#) with any problems.

Open quick nav, and type the name of any tab or workspace.

The screenshot shows the Relativity One interface with a search results table. The table has columns for #, File Type, Control Number, Custodian, Record Type, Email From, Email To, and Responsive. The results are filtered by 'Salt vs. Pepper' and show 12 items. The table is paginated to show 25 items per page, with a total of 634 items.

#	File Type	Control Number	Custodian	Record Type	Email From	Email To	Responsive
1		AZIPPER_0007291	Zipper, Andy	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted
2		AZIPPER_0007293	Zipper, Andy	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive
3		AZIPPER_0007299	Zipper, Andy	Attach	Beck Sally <Sally.Beck@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted
4		AZIPPER_0007300	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive
5		AZIPPER_0007491	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive
6		AZIPPER_0007494	Zipper, Andy	Attach	Boyd Justin <Justin.boyd@enron.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Sherriff John <John.Sherriff@ENRON.com>	
7		AZIPPER_0007495	Zipper, Andy	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Needs Further Review
8		AZIPPER_0007746	Zipper, Andy	Attach	McQuade Jennifer <Jennifer.McQuade@ENRON.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Zipper Andy <Andy.Zipper@ENRON.com>	Technical Issue
9		AZIPPER_0011373	Zipper, Andy	Attach	SCS_2 <scsloptions@attglobal.net>	Undisclosed- Recipient: @mailman.enron.com;	
10		AZIPPER_0011374	Zipper, Andy	Attach			
11		AZIPPER_0011375	Zipper, Andy	Attach			
12		AZIPPER_0011376	Zipper, Andy	Attach	Enron Announcements/Corp/Enron@ENRO N <IMCEANOTES- Enron+20Announcements.Corp.Enro N@ENRON.com>	All Enron Worldwide@ENRON <IMCEANOTES- All+20Enron+20Worldwide+40E NRON@ENRON.com>	

Any tab or workspace that contains the character string within the name appears in the list of results. Results appear after you type more than one character, and they refine with each character you type. The results link you directly to the tab or workspace in Relativity.

**Note:** In Relativity terms, the search works the same as a leading and trailing wildcard search.

You can click on any result or use the up and down arrow keys to move through the results. Press **Enter** to navigate to the selected item.

Your search remains until the page is refreshed or you navigate to a new tab. The Esc key also clears your search from quick nav. If no text is entered in the quick nav search field, the Esc key closes quick nav. You can also click anywhere outside the quick nav window to close it.

Quick nav displays three types of results in the following order:

- **Workspace tabs**—lists all workspace tabs that fit the search criteria and are available with your permission settings.

---

**Note:** This item only appears when you are in a workspace.

---

- **Admin Tabs**—lists all admin tabs that fit the search criteria and are available with your permission settings.
- **Workspaces**—lists all workspaces that fit the search criteria and are available with your permission settings. Click the workspace to go to the default tab for that workspace.

Quick nav results only reflect items available with your permission settings.

### Using quick nav

Imagine you're a system admin in a workspace within Relativity, and a user emails you with a password reset request. You press Ctrl+/ and type the letters "use". The results filter to only contain Admin and Workspace tab names with the letters u-s-e.

The results display a Users tab in the Admin tabs section. You click the Users tab and find the user who needs a password reset in the list. Once their password is reset, you use quick nav to get back to the workspace you were previously working in.

The following list highlights more features of quick nav functionality.

- Type the word "home" in quick nav to navigate to your default Home tab.
- Quick nav is enabled or disabled with the QuickNavEnabled instance setting.
- Quick nav is available to look up workspaces and admin tabs from Home for groups assigned the **Use Quick Nav** admin permission, and it is available to look up tabs in a workspace for groups assigned the **Use Quick Nav** workspace permission.
- The maximum number of returned quick nav search results is limited to any number between 2-50, but the default is 20.
- The maximum number of searchable characters is 50.

## 1.2 Logging into RelativityOne

RelativityOne offers several ways to log in and it is possible to have two or more methods available to you. As a RelativityOne user, your RelativityOne admin provides you with all the information you need to log in.

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**Note:** For help with single sign-on errors, please see the [SSO Troubleshooting console on page 27](#).

---

### 1.2.1 Logging in to RelativityOne with a password

1. Enter your **Username**.
2. Click **Continue**.
3. Enter your password.
4. Click **Login**.

---

**Note:** The **Forgot your password?** link only displays if the admin enables Allow Password Recovery via Email setting, for more information see the Authentication Guide.

---

### 1.2.2 Password

This method uses only a username and a password. Your RelativityOne admin provides you with the following:

- Login email address.
- Password request email.

Prior to logging in, if you have not already, create your password. See [Creating or resetting a password on page 26](#).

To log in:

1. Navigate to the RelativityOne site.
2. Log in with your password. See [Logging in to RelativityOne with a password on the previous page](#)

### 1.2.3 Two-factor authentication

The two-factor authentication method requires a passcode in addition to the username and password. The system emails you the passcode during login and is different each time. Your RelativityOne admin provides you with the following:

- Login email address.
- Password request email.

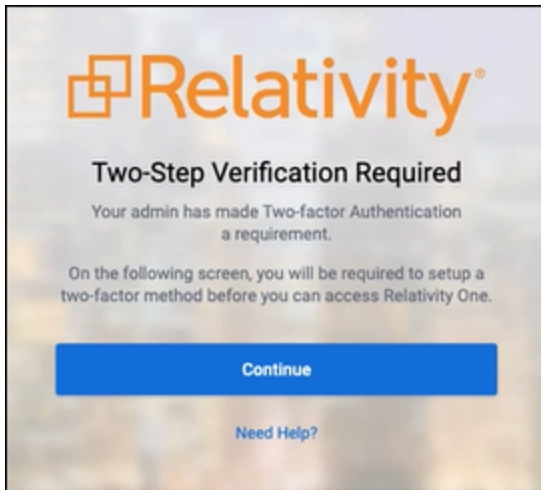
Prior to logging in, if you have not already, create your password. See [Creating or resetting a password on page 26](#).

Prior to logging in, if you have not already, download the required two-factor authentication app. When using the authenticator app for the first time, Relativity will need to connect your profile to the app.

To connect your authentication app,

1. Enter your username.
2. Enter your password.

3. On the Two-Step Verification Required step, click **Continue**.



4. Open your authenticator app on your device.
5. In your app, tap the button to add a new account.
6. Hold phone up and scan the QR code provided by Relativity.



If you are unable to scan the QR code, click the **Can't scan QR code?** link below the QR code. Once clicked, a code will appear. Enter the code into your authenticator app on your phone. Once entered into the authenticator app, you can continue to the next step.

7. Click **Next**.
8. Re-enter your email and password.
9. Enter the authentication code in the app.
10. Click **Next**.
11. Click **Done**.

To log in with an authenticator app method:

1. Navigate to the RelativityOne site.
2. Log in with your password.
3. Follow the instructions on the app or enter the authentication code from the authentication app.
4. Click **Next**.

To log in with the Relativity email method:

1. Navigate to the RelativityOne site.
2. Log in with your password. An **Authenticate Login** dialog appears. The system immediately emails you a passcode, and the passcode will be different each time.
3. Enter that value in **Passcode**.



4. Click **Login**.

### 1.2.4 OpenID Connect

This method requires you to have an OpenID Connect account. Your RelativityOne provides you with the following:

- OpenID Connect account username from the identify provider's side.
- Relativity OpenID Connect button name on the login page.

To log in:

1. Navigate to the RelativityOne site.
2. Click the Relativity OpenID Connect button name.
3. Enter your username.
4. Click **Logon**.
5. Authenticate with your OpenID provider.

## 1.2.5 SAML 2.0

This method requires you to have an account with SAML 2.0 authentication provider set up by your RelativityOne admin. Your admin provides you with a Relativity account with a SAML 2.0 login method.

To log in:

1. Log into the SAML 2.0 provider system.
2. Navigate to the RelativityOne instance using a shortcut in the SAML 2.0 provider interface or a bookmark in your browser. You are automatically logged in.

## 1.2.6 Creating or resetting a password

Use this procedure if you are logging in to RelativityOne for the first time or if you are resetting your password. Your system admin must send you a password reset email. If you forget your password, you can click the **Forgot your password** link on the logon screen if it is available, or contact your RelativityOne admin. In either case, the system sends you a new password email.

---

**Note:** If you are a system admin, the Password Reset Email will not be sent to you. For more information, see the Authentication Guide.

---

1. Within the password request email, click **Reset Password** or enter the full URL into your browser.

We received a request to reset the password associated with this email address. Click the link below to reset your password. This link will expire after 15 minutes.

[Reset Password](#)

We recommend opening this link in Internet Explorer.

You can also copy and paste the following text into your address bar:

<https://ml14.testing.corp/Relativity/Identity/ResetPassword?token=74a572da-60e1-4058-2ffe-20b36965c0f9>

If you did not request this change, contact your system administrator.

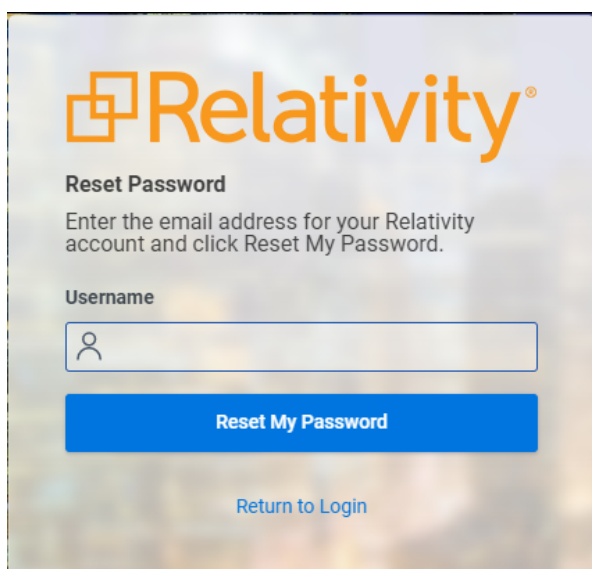
Please do not reply to this email.

2. Enter a password following the restrictions listed on the screen. You must remember this password to log in. The link within the email is valid for 15 minutes, and you can only use the most recent email. Although, once the password is set, you do not have to log in immediately.

---

**Note:** The following non-alpha-numeric characters are not allowed: \, ", <, >, £ in passwords.

---



3. Click **Submit**.
4. Click **Return to RelativityOne**.

## 1.3 SSO Troubleshooting console

The **SSO Troubleshooting console** eliminates the need for third-party tools when gathering essential information for troubleshooting error messages. It offers administrators actionable error messages to help them address configuration issues.

### Considerations

- This console should not be utilized for auditing purposes.
- You must have the **Edit** permission on the Authentication Provider object to view the console.
- The error log will only show the 10 most recent error messages.

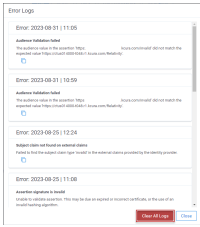
### 1.3.1 Viewing the SSO Troubleshooting console

To view and manage the errors in the console:

1. Navigate and select your authentication provider
2. Click on the **Errors Log** button.



3. Review the errors and make the necessary updates to resolve the issue.
4. Once the errors have been resolved, clear the error log.



See this related pages:



## 2 Markups

Markups in Relativity refer to [highlights](#) and [redactions](#). You can add markups to documents that contain an image using the Image Viewer. When you open a document in the Native Viewer that has not been imaged, select **Image on the Fly** from the Document actions menu to image the document which can then be opened in the Image Viewer.

---

**Note:** If two people edit a markup at the same time, an error occurs.


---

### 2.1 Highlights

When you create a highlight, a colored box appears in the area you select, just like using a highlighter.

#### 2.1.1 Creating highlights

To create a highlight:

1. Click .  
Blue is the default color. Click the drop-down menu to select a different color.
2. Draw the highlight across the sections of text you want to highlight.

When you create a highlight, it appears in the Markup Navigation Pane. See [Using the Markup Navigation pane on page 37](#).

### 2.2 Redactions


A redaction hides text on a page. In Relativity, you can create several different types of redactions:


- [Creating basic redactions below](#)
- [Creating inverse redactions on the next page](#)
- [Creating full-page redactions on page 31](#)
- [Creating mass redactions on page 31](#)

When you create a redaction, it appears in the Markup Navigation Pane. See [Using the Markup Navigation pane on page 37](#).

#### 2.2.1 Creating basic redactions


To apply a basic redaction to a document:

1. Click .  
The black redaction tool is the default. Click the drop-down menu to select a different tool. You can select from the following:
  - **Black Redaction**—creates a solid black box, like using a black marker. While you draw the box, a gray translucent fill appears.

- **Cross Redaction**—creates a white redaction box black border and a black X from corner to corner.
  - **Text Redaction**—creates a white redaction box with black text. The text will fill the box by default. To change the font size, keep the redaction box selected and click , and then select a new font size from the drop-down menu. You can right-click a text box redaction to apply different text. See [Editing redaction text on page 36](#). The system admin determines which text options are available.
  - **White Redaction**—creates a solid white box with a gray border. The gray border does not print or produce.
2. Draw the redaction boxes across the sections of the page you want to redact. You can draw in any direction.

## 2.2.2 Creating inverse redactions

An inverse redaction creates a black redaction across the full page except on the locations where you draw boxes. To create an inverse redaction, perform the following steps:

1. Click the Redaction Mode  icon and select **Inverse Redact** from the drop-down menu.
2. Draw the inverse redaction boxes across the sections of the page you do not want to redact. A blue cast indicates where you will add the black redaction, and the white box indicates the area that is not redacted. You can move or re-size the white box using the controls. You can also highlight text that is not redacted.


**CEC/DWR:**  
 AB 29X provides the CEC with \$35 million to provide customers with peak demand of 200kW or greater with TOU or RTP meters. The CEC has determined that it will only provide RTP meters. The CEC filed an emergency Petition to Modify D.01-05-064 to clarify language to reflect the language of AB 29X, i.e. all customers 200kW and above must install an interval meter.

**Georgia Power RTP Program ( See attached Power Point presentation):**  
 Currently 1,650 customers are enrolled in Georgia Power's RTP program. Although this represents a small number of their total customers, it accounts for 1/3 of their load. Low turnover demonstrates high customer satisfaction with the program. To date only 12 participates have opted out. During critical high priced periods, up to 1000 MW of load responds, to the RTP program ensuring reliability is maintained.

The program consists of two parts, Day Ahead (DA) and Hour Ahead (HA) hourly rates. Each provides the customer with hourly rates for a 24-hour period enabling the customer to see his/her cost of electricity for each hour of the day so that an informed decision can be made in regards to energy consumption. Both programs have minimum load requirements in order to participate. For the DA program, customers must have a minimum demand of 250 kW and for the HA program a minimum of 10 MW. Transaction costs require that a cutoff threshold be established. Small companies, those with small loads, don't value a 10-20% bill reduction, as do larger companies.

### 2.2.3 Creating full-page redactions

A full-page redaction creates a redaction across the entire page. To apply a full-page redaction, click the

**Redaction Mode**  icon and select **Full-Page Redact** from the drop-down menu. The black full page redaction tool is the default. Click the Redaction Type drop-down menu to select a different tool. You can select from the following:


- **Black Redaction**—creates a solid black box, like using a black marker.
- **Cross Redaction**—creates a white redaction box with a black border and a black X from corner to corner.
- **Text Redaction**—creates a white redaction box with black text. You can right-click a text box redaction to apply different text. See [Editing redaction text on page 36](#). The system admin determines which text options are available.
- **White Redaction**—creates a solid white box with a gray border. The gray border will not be printed or produced.

You can also create a keyboard shortcut to apply a full-page redaction. See [Creating keyboard shortcuts in the Admin guide](#).

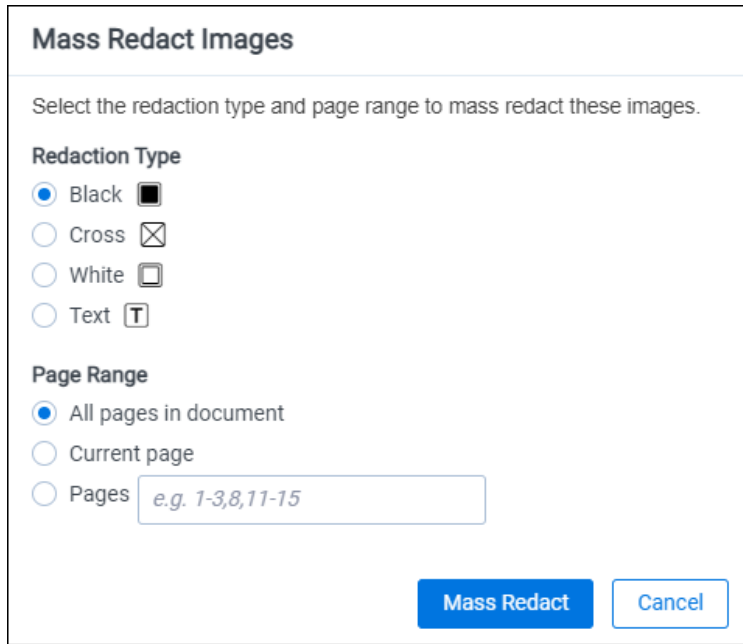
After you apply a full-page redaction, you can resize it to make it smaller than the full page and then work with it like a normal redaction. Additionally, you can create new redactions on top of a full-page redaction if desired.

### 2.2.4 Creating mass redactions

You can use the mass redact option to apply full-page redactions of any type to a set of pages in your document. To apply mass redactions:

1. Click the Redaction Mode  icon and select **Mass Redact** from the drop-down menu. The Mass Redact Options pop-up appears.

2. Select the type of redaction to apply. You can select from the following:



The dialog box is titled "Mass Redact Images". It contains the instruction "Select the redaction type and page range to mass redact these images." Under the "Redaction Type" section, there are four radio button options: "Black" (selected, with a black square icon), "Cross" (with a cross icon), "White" (with a white square icon), and "Text" (with a text icon). Under the "Page Range" section, there are three radio button options: "All pages in document" (selected), "Current page", and "Pages" (with a text input field containing "e.g. 1-3,8,11-15"). At the bottom right, there are two buttons: "Mass Redact" and "Cancel".


- **Black**—creates a solid black box, like using a black marker.
  - **Cross**—creates a white redaction box with a black border and a black X from corner to corner.
  - **Text**—creates a white redaction box with black text. In the Text Options section, you can select the font size and text to apply to the redactions. To apply custom text, select **<Enter Custom Text>** from the **Text** drop-down menu, then enter the text in the **Text** field.
  - **White**—creates a solid white box with a gray border. The gray border will not print or produce.
3. Specify a range of images to apply the redaction to. Select **Pages** and enter a set of pages or select **All pages in document** to apply the full-page redactions to the entire document.
  4. Click **OK**. The redactions apply to the set of pages you specify.

## 2.3 Editing markups

To re-size a single markup,

1. Click inside the markup shape.  
Blue dot controls appear on the corners and edges of the markup.
2. Select any control and drag to re-size the markup.
3. Optionally, you can also re-size markups using the arrow keys.
  - To re-size a markup in a larger increment, press **Shift** + the arrow key on your keyboard that points in the direction you would like to expand the markup.
  - To re-size a markup in a smaller increment, press **Ctrl** + **Shift** + the arrow key on your keyboard that points in the direction you would like to expand the markup.

You can move markups individually or as a set. To select multiple markups on a page,

click the selector tool  and drag across the markups. Alternatively, press **Shift** or **Ctrl** and click to select individual markups, or click **Ctrl + A** to select all markups on an image. Controls appear on the corners and edges of all selected markups.

To move, click and drag the selected markups to a new location. You can also move selected markups using the arrow keys. To move a markup in a larger increment, press the arrow key on your keyboard that points in the direction you would like to move the markup. To move a markup in a smaller increment, press **Ctrl** + the arrow key on your keyboard that points in the direction you would like to move the markup.

## 2.4 Deleting markups

You can delete markups individually or as a set. To delete a single markup, right-click a markup and click **Delete**. You can also press the **Delete** key with a markup selected and click **Yes** on the Confirm Delete pop-up. For Mac users, press **Fn + Delete**.

To delete multiple markups:

1. You can use any of the following methods to select markups for deletion:
  - Left-click and drag the selection box over the markups you wish to delete.
  - Hold down on **Ctrl** on your keyboard, and left-click on each markup you wish to delete.
  - Right-click on a markup after selecting any other markups you would like to delete.
2. Select **Delete** from the right-click menu.  
The Delete Markups modal displays.
3. Verify that you wish to delete the number of markups displayed in the modal and click the **Delete X Markups** button.  
The selected markups are deleted.

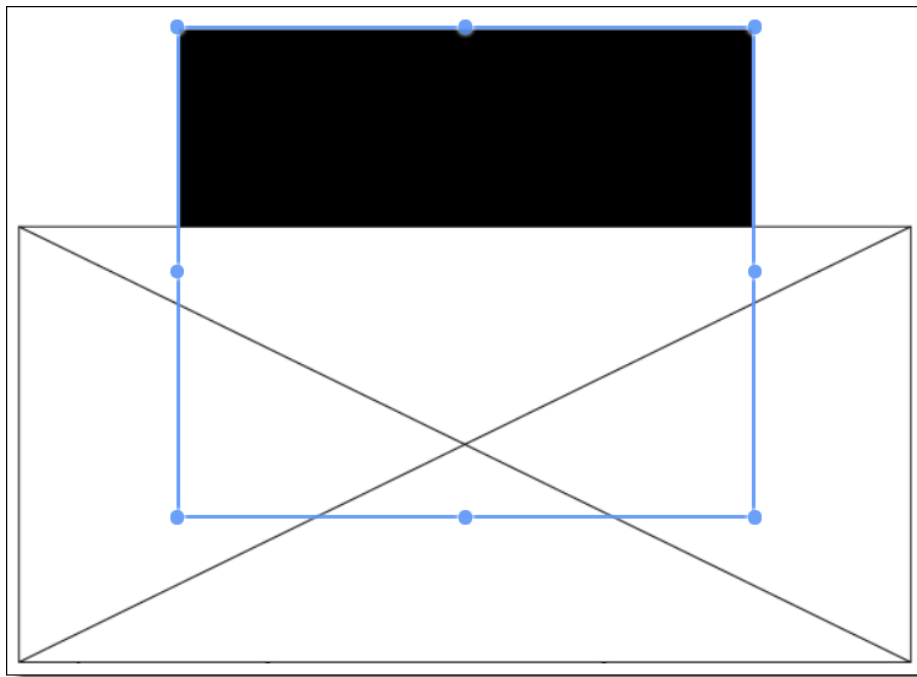
---

**Note:** If you have a full-page redaction applied to an image, then you apply an additional full-page redaction, the most recently applied full-page redaction appears on top. If you then delete the second redaction, the first full-page redaction persists.

---

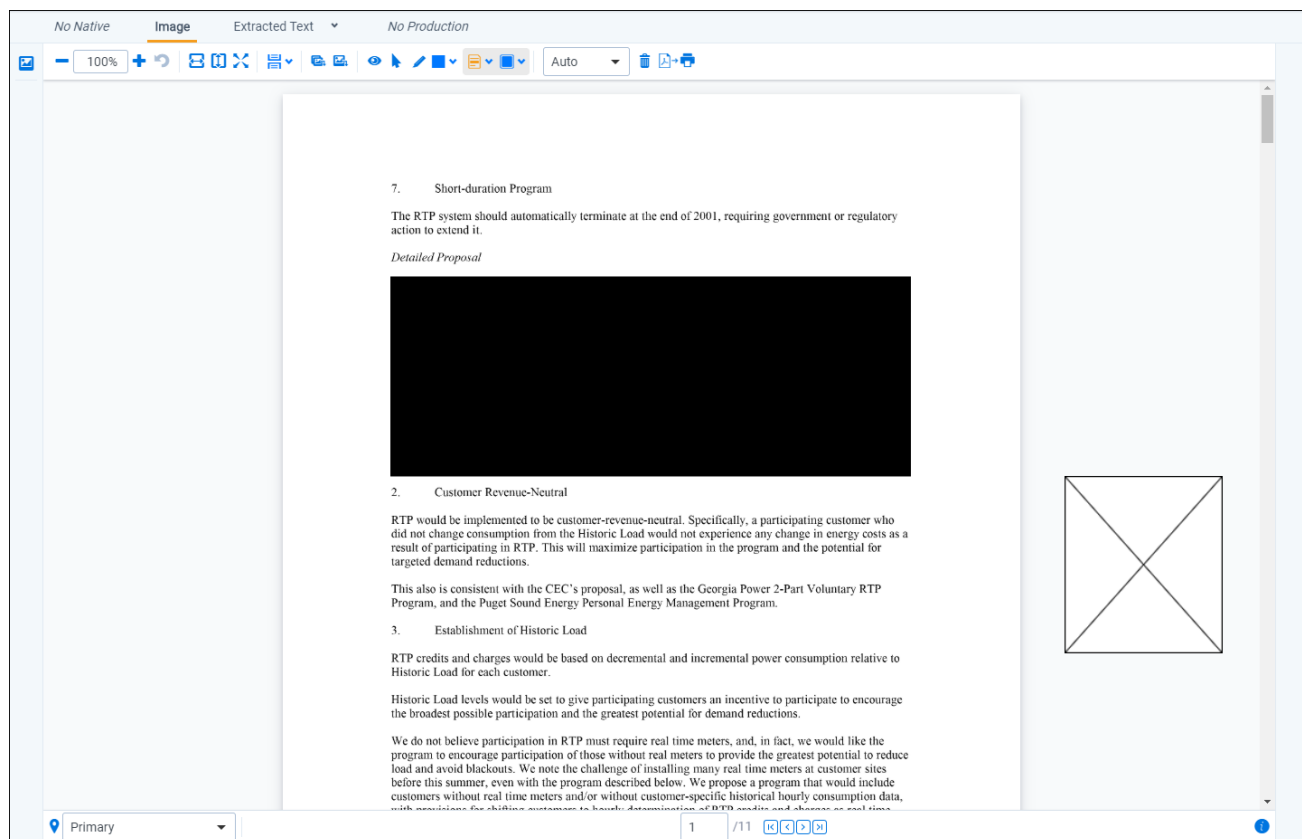
### 2.4.1 Working with overlapping markups

If you have multiple markups on a page that overlap each other, when you hover over the markups, translucent controls appear. Click the markup you want to work with, and the controls become active to indicate which markup is active. In the following example, the black box redaction is active.



### 2.4.2 Working with markups outside of page boundaries

If you have markups that exist outside the boundaries of an image, such as those created by custom applications, they will render in their currently saved coordinates in the Viewer. Interacting with the markup by attempting to move or select it will move the markup within the page boundaries. This change is saved and audited in the workspace.



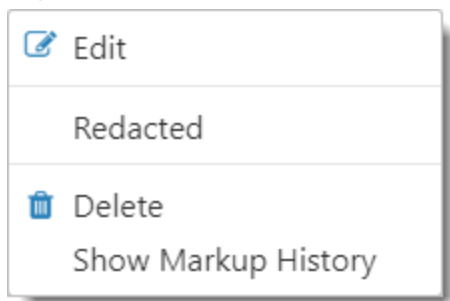
### 2.4.3 Editing redaction text with a markup set

When you create a text redaction, it will display the most recent word or phrase you entered while editing a redaction. If you have never edited or created a text redaction before, it will display **Redacted** instead.

To perform this task you need the permissions for the markup sets object as well as the individual markup set you wish to use.

To edit the text in a text box redaction using the default text for a markup set:

1. Choose the desired markup set from the drop-down list in the bottom-left corner of the Viewer.
2. Right-click the redaction and select the default redaction text from the markup set.



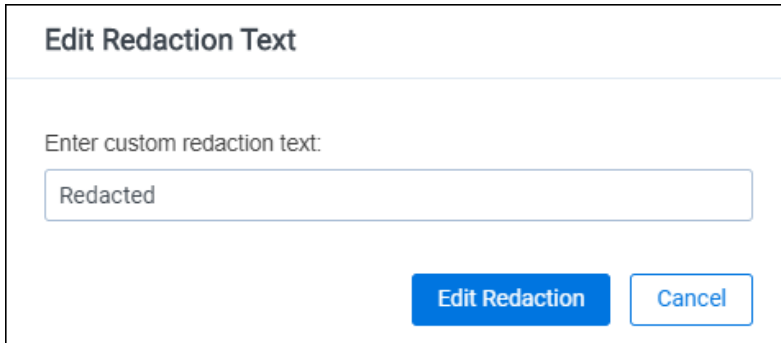
The new text appears in the redaction.

## 2.4.4 Editing redaction text

To edit the text in a text box redaction, perform the following steps:

1. Right-click the redaction and select **Edit**.

The Edit Redaction Text pop-up opens.



2. Enter the new redaction text in the field and click **Edit Redaction**.

The new text appears in the redaction. Any new redactions you create will display the same text until you edit a redaction or use the default Redacted option.

## 2.4.5 Editing font size in text box redactions

The font size for text box redactions defaults to fill the entire text box. To edit the font size, perform the following steps:

1. Select the text box redactions.  
You can press **Ctrl** or **Shift** and click to select multiple text box redactions.
2. Click the Font Size drop-down menu and select a font size.  
The font size applies to the text in all selected text box redactions.

When you create a new text box redaction, the last selected font size automatically applies to the text.

## 2.5 Mass deleting markups

You can mass delete markups from a single page, from a range of pages, or from your entire document at once using the delete redactions and highlights option. To mass delete markups:

1. Click .  
The Mass Delete Markup pop-up appears.



**Mass Delete Markups**

Select the markup type(s) and page range to delete all associated markups on this document.

**Markup Types**

☐ Non full-page redactions

☐ Full-page redactions

☐ Highlights

**Page Range**

☒ Current page


☐ All pages in document

☐ Pages

**Delete Markups** **Cancel**

2. Select the markup types you want to delete. You can select **Non full-page redactions**, **Full-page redactions**, **Highlights**, or any combination of these.
3. Select the range of pages from which to delete the selected markups. You can select **Current page**, **Pages**, enter a set of pages, or **All pages in document**.
4. Click **Delete Markups**. The selected markup types are deleted from the range of pages you selected.

## 2.6 Controlling markup visibility

You can toggle redaction visibility between visible, transparent, and invisible. Use the **Change Markup Visibility** button  to change the setting.


- Click once to set the markups to transparent.
- Click a second time to set the markups to invisible. The redactions are not deleted, just temporarily hidden.
- Click a third time to return the markups to full visibility.




















## 2.7 Viewing markup history

To view the history of any highlight or redaction, right-click it and select **Show Markup History**. The Markup Information pop-up appears with information identifying each action, the user who performed the action, and the date and time at which the user performed the action .

## 2.8 Using the Markup Navigation pane

In the viewer, you can locate markups in a document using the Markup Navigation pane. To open this pane, click

 in the lower left corner of the viewer. The Markup Navigation pane displays a list of all redactions and highlights that reviewers created in the document, as well as references to their page numbers and parent markup sets.

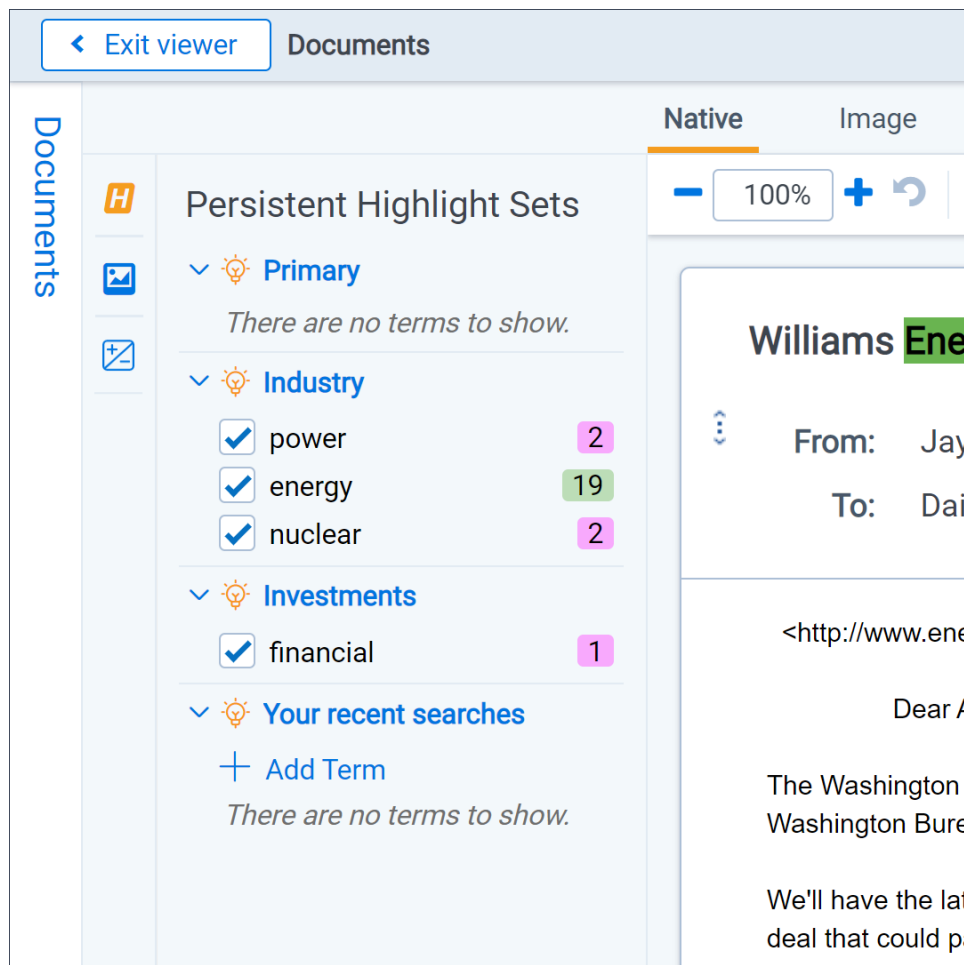
    1 - 8 of 8 10 per page    					
Page Number	Markup Type	Markup Sub Type	Markup Text	Full Page	Markup Set
=  Filter	Filter	(All) 	Filter	(All) 	(All) 
1	Redaction	Black			Primary
1	Redaction	Cross			Primary
1	Redaction	Text	Redacted		Primary
2	Highlight	Blue			Primary
 Primary  1 /11     					

You can click anywhere on the markup row to jump to the page where the markup occurs. In addition, Relativity updates the active markup set to the one associated with your row selection in the Markup Navigation pane.

## 3 Persistent highlight sets

With persistent highlight sets you can configure and apply term highlighting to assist with document review in the Viewer. In the Persistent Highlight Sets pane of the Viewer, you can see all sets saved in a workspace and apply or hide term highlights in the document you are reviewing.

If a document you are reviewing contains any of the terms specified in a set, the list of terms and the number of times they appear in the document appear under the set. If a document contains no terms from the set, you can not expand or collapse the set in the tree. If the document contains some terms in the set, only the terms that exist in the document appear below the set name.



System admins can control which highlight sets different users see when working within a document. See Workspace security in the Admin guide.

Persistent highlight sets are independent of markup sets. See Markup sets in the Admin guide.

### 3.1 Getting started with persistent highlight sets

You create persistent highlight sets in the **Persistent Highlight Sets** tab of a workspace. Each set includes a list of terms populated manually or from a source field in the set configuration. After you create a persistent highlight set, the set and its terms are available in the Persistent Highlight Sets pane of the Viewer.

The following persistent highlight set includes several terms with highlight color-coding. See [Color-coding persistent highlights on page 48](#) for more information.

This set is available when a user opens the viewer and any edits made to this set are reflected immediately.

Persistent Highlight Set Layout

EditDeleteBackEdit PermissionsView Audit

Persistent Highlight Set Information

Name

Investments

Order

100

Source

Text

Highlight Fields

Terms

10;11;structure  
3;4;construction  
8;5;liability  
4;2;property  
7;16;credit  
3;16;expense

Record History


System Created On


7/28/2020 12:39:45 PM CDT


System Last Modified On


7/28/2020 12:39:45 PM CDT

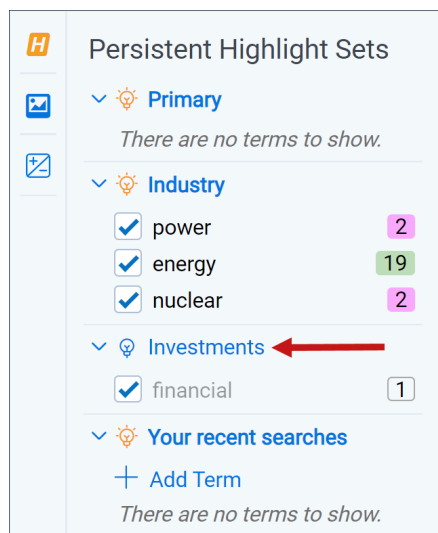
### 3.1.1 Showing and hiding persistent highlight sets in the Viewer

To view the list of available persistent highlights sets and related terms in the Persistent Highlight Sets pane, click the Show/Hide Persistent Highlight Sets pane icon  in the left drawer.

Click the  next to a persistent highlight set to expand it and show the list of terms from that set found in the document. By default, all persistent highlight sets are enabled in the Viewer, and terms found in a document are selected in the Persistent Highlight Sets pane and highlighted in the document. Click a persistent

highlight set's name or the  icon to hide all term highlights from the set in the Viewer. When a persistent

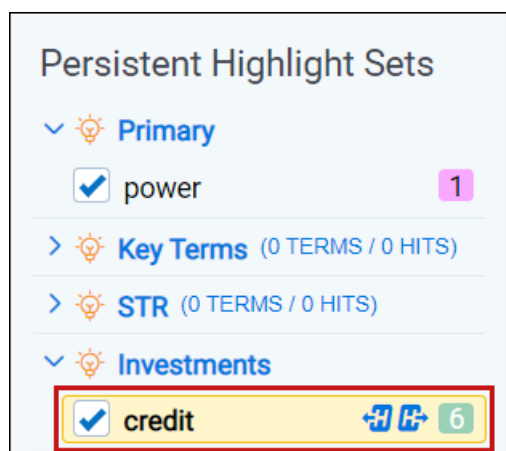
highlight set's icon is  and the terms appear partially transparent in the Persistent Highlight Sets pane, the term highlights for the set are hidden in the Viewer.




Clear a term's check box to hide its highlights in the Viewer. Select its check box to apply highlighting for the term in the Viewer again.

If any of the set's terms are not present in the current document open in the Viewer, they do not display in the Persistent Highlight Sets pane. For example, if you created a set named Investments that contains five highlight terms, and only three of the terms show in the pane for a particular document, the other two terms are not present in the document.

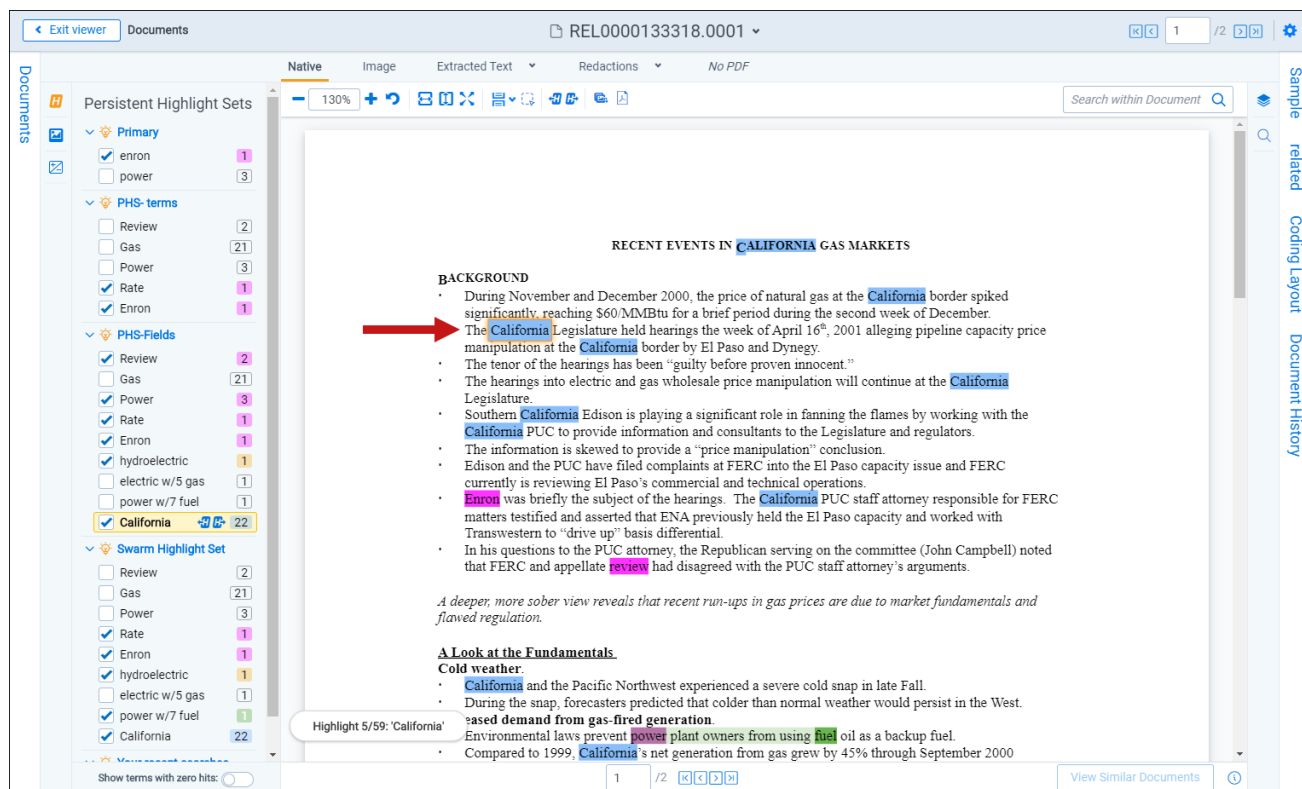
You can navigate through the hits for a persistent highlight set or for a term while viewing a document in the Viewer. Click on either the persistent highlight set or the desired term in the Persistent Highlight Sets pane and the Go to Next/Previous Highlights icons display in the row.



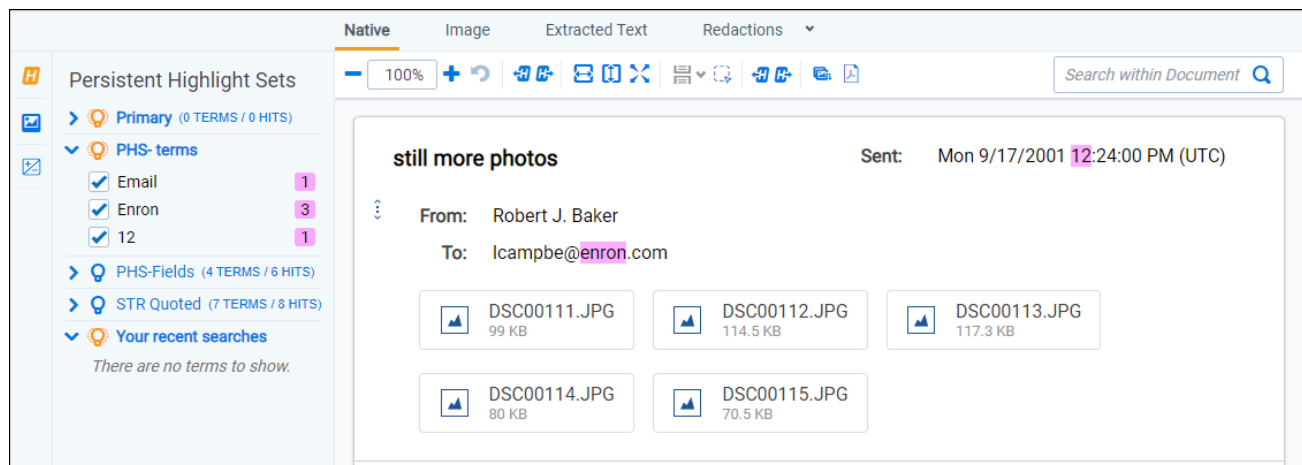
You can use the Next/Previous icons to cycle through the hits for either the persistent highlight set or the

highlighted term. Regardless of where you are in a document, when you click the Next icon  for the first time, you will be taken to the first highlight in the document for that persistent highlight set or term. Even if you have moved past it while browsing the document.

Clicking the Next/Previous icons also emphasizes the actively navigated highlight with an orange glow to help you track which one is active.



When you select a persistent highlight term in the Persistent Highlight Sets pane, in addition to highlighting all instances of that term in the body of an email, the Viewer also highlights instances of the term in the email header.



The number of terms and hits is listed to the left of the persistent highlight set's name. It is possible to have many highlight sets enabled but no highlights appear in a document.

Selections made in the Persistent Highlight Sets pane persist throughout a user's session in Relativity. This includes any of the following changes related to the Persistent Highlight Sets pane in the Viewer:

- Showing or hiding the Persistent Highlight Sets pane.
- Enabling or disabling a persistent highlight set.

- Expanding or collapsing the term list for a persistent highlight set.
- Checking or clearing terms check boxes in a persistent highlight set.

### 3.1.2 Navigating highlighted terms in the Viewer

To navigate between terms highlighted on a document in the Viewer, use the **Go to Previous Highlight**



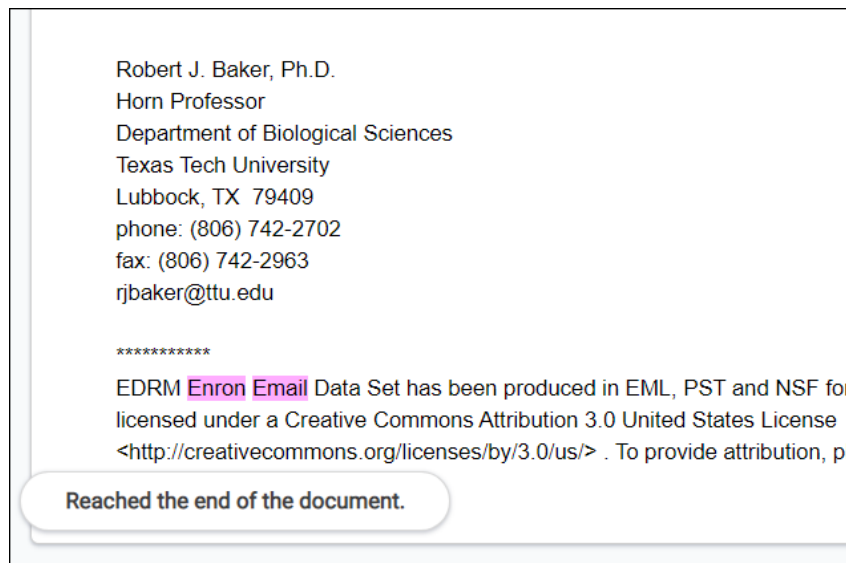
and **Go to Next Highlight**



icons on the Viewer toolbar.

The **Go to Previous Highlight** and **Go to Next Highlight** icons only navigate between terms enabled in the Persistent Highlight Sets pane.

When navigating through a document's highlighted terms, the following notification displays in the bottom-left to inform you that you have reached the beginning or end of the document and there are no more highlights.



#### 3.1.2.1 Actively navigated and inactive highlights

To support advanced highlights within persistent highlight sets, two types colors can be available in the Viewer - actively navigated and inactive highlights. The colors are the same, but have a different level of opacity. Active highlights are the highlights that the Viewer is focused on. Active highlights are at full opacity and inactive highlights are at a lower opacity level. See [Color-coding persistent highlights](#) for more information.

---

**Note:** Beginning in Relativity 11.3.1, the auto-contrast feature has been added to color-coding persistent highlights. This feature automatically determines the text color based off the background color you select to ensure readability no matter which colors are selected. For example, if the background color is closer to black, the text will automatically be white or if the background color is closer to white, the text will automatically be black.

---



---

**Note:** The opacity level of the highlights for proximity searching and inactive terms can be adjusted by editing the value of the **ViewerHighlightStyleDefault** instance setting.

---

Color name	Highlight Color	Number
[Default]		0
Black		1
Dark red		2
Dark green		3
Dark yellow		4
Dark blue		5
Dark magenta		6
Dark cyan		7
Light gray		8
Gray		9
Red		10
Green		11
Yellow		12
Blue		13
Magenta		14
Cyan		15
White		16
Light green		17
Light blue		18
Light yellow		19
Light purple		20
Light red		21
Light orange		22
Purple		23
Orange		24
Dark purple		25
Dark orange		26

### 3.1.3 Persistent highlight set behavior across Viewers

Note the following regarding persistent highlight set behavior as the reviewer moves from document to document, changes Viewers, and uses pane toggles:



- Any changes made to a persistent highlight set tree in the panel when the Viewer is undocked, such as terms selected or unselected, will display when the Viewer is docked again.
- A synced standalone Viewer will not display changes made to a persistent highlight set, such as terms selected or unselected, in the pane of the main Viewer. However, Persistent Highlight Sets pane settings remain the same in the standalone Viewer as the reviewer goes from doc to doc within the standalone Viewer.
- The Persistent Highlight Sets pane maintains its current state when you swap Viewer panes.
- The Persistent Highlight Sets pane in the Extracted Text Viewer and Native Viewer are independent of each other. A change made to the pane in the Extracted Text Viewer is not automatically reflected when the reviewer switches to the Native Viewer and back.
- Advanced persistent highlighting, available when using a search term report as a highlight field source, is only available in the Native and Extracted Text Viewer. See [Using the highlight fields source on page 50](#).

See the Viewer documentation in the Admin Guide.

### 3.1.4 Persistent highlight behavior

When using a search term report that includes search syntax as a highlights source field, the highlight behavior is more inclusive than using persistent highlight terms. See [Using the highlight fields source on page 50](#).

The different levels of opacity occur on a key term and interval term level. The key terms in the search are high opacity level highlights. The other interval terms picked up with search syntax are highlighted at a lower opacity level. For example, if you use the search "account w/5 cap" the words "account" and "cap" are highlighted with the full opacity highlight. The words between "account" and "cap" will have the lower opacity level highlight.

REL0000133318.0001

Native Image Extracted Text Redactions No PDF

130%

Search within Document

Persistent Highlight Sets

- Primary (2 TERMS / 4 HITS)
- PHS-terms (5 TERMS / 28 HITS)
  - PHS-Fields
    - ☐ Review (2)
    - ☐ Gas (21)
    - ☐ Power (3)
    - ☒ Rate (1)
    - ☐ Enron (1)
    - ☒ hydroelectric (1)
    - ☒ electric w/5 gas (1)
    - ☐ California (22)
    - ☒ power w/7 fuel (1)
  - Swarm Highlight Set (9 TERMS / 53 HITS)
  - Your recent searches
 

There are no terms to show.

RECENT EVENTS IN CALIFORNIA GAS MARKETS

**BACKGROUND**

- During November and December 2000, the price of natural gas at the California border spiked significantly, reaching \$60/MMBtu for a brief period during the second week of December.
- The California Legislature held hearings the week of April 16<sup>th</sup>, 2001 alleging pipeline capacity price manipulation at the California border by El Paso and Dynegy.
- The tenor of the hearings has been "guilty before proven innocent."
- The hearings into **electric and gas** wholesale price manipulation will continue at the California Legislature.
- Southern California Edison is playing a significant role in fanning the flames by working with the California PUC to provide information and consultants to the Legislature and regulators.
- The information is skewed to provide a "price manipulation" conclusion.
- Edison and the PUC have filed complaints at FERC into the El Paso capacity issue and FERC currently is reviewing El Paso's commercial and technical operations.
- Enron was briefly the subject of the hearings. The California PUC staff attorney responsible for FERC matters testified and asserted that ENA previously held the El Paso capacity and worked with Transwestern to "drive up" basis differential.
- In his questions to the PUC attorney, the Republican serving on the committee (John Campbell) noted that FERC and appellate **review** had disagreed with the PUC staff attorney's arguments.

*A deeper, more sober view reveals that recent run-ups in gas prices are due to market fundamentals and flawed regulation.*

**A Look at the Fundamentals**

**Cold weather.**

- California and the Pacific Northwest experienced a severe cold snap in late Fall.
- During the snap, forecasters predicted that colder than normal weather would persist in the West.

**Increased demand from gas-fired generation**

- Environmental laws prevent **power** plant owners from using **fuel** oil as a backup fuel.
- Compared to 1999, California's net generation from gas grew by 45% through September 2000

Show terms with zero hits: ☐

1 / 2

View Similar Documents

Persistent Highlight Sets

- Primary
 

There are no terms to show.
- Industry
  - ☒ power (2)
  - ☐ energy (19)
  - ☒ nuclear (2)
- Investments
  - ☒ financial (1)
- Your recent searches
 

+ Add Term

There are no terms to show.

## 3.2 Creating persistent highlight sets

To create a new persistent highlight set, follow these steps.

**Note:** If you plan to use the Source: Highlight Fields, you may need to create a search terms report. For more information, see [Using the highlight fields source on page 50](#).

1. Navigate to the **Persistent Highlight Sets** tab.
2. Click **New Persistent Highlight Set**.
3. Complete all required fields in the Persistent Highlight Set Information section. See [Fields below](#) for details.

Persistent Highlight Set Information

Name\*

Order\*

Source\* ☐ Highlight Fields ☐ Terms  
[Manage](#)

Highlight Fields

Terms

4. Click **Save**.

---

**Note:** Verify that reviewers are not actively reviewing documents when creating persistent highlight sets. Creating persistent highlight sets while reviewers are actively reviewing documents can cause errors.

---

### 3.2.1 Fields

Persistent highlight sets include the following fields.

- **Name**- the descriptive name under which you want this set to appear in the Viewer and item list.
- **Order** -the order in which you want this set to appear.
- **Source** - determines the area the set draws from when designating characters to be highlighted and displayed in the Viewer. There are two options:
  - **Highlight Fields** - designates fields as the source of highlighting. Highlight Fields is capable of using dtSearch functionality. Selecting this radio button means you must select a Highlight Field in order to save this set.
  - **Terms**- designates terms as the source of highlighting. Selecting this radio button means you must enter terms into the Terms field below to save this set.
- **Highlight Fields**- choose the field referencing the list of terms to be highlighted. Click the  button to bring up the system view called Field Picker on Persistent Highlight Sets, which displays the

Name and Object Type for applicable multiple object fields. It also includes those created by search terms reports. To select the desired Highlight Field, check the field's box, click Add, and click Set. The field displays on the layout. See [Using the highlight fields source on page 50](#).

**Note:** If your search terms report is run against a dtSearch index with a customized alphabet file, the hits on the STR may not match the highlights rendered in the Viewer. Depending on how the alphabet file has been customized, you may see fewer highlight hits rendered in the Review Interface.

- **Terms** - enter terms you wish to highlight and select the color code to distinguish them in the Viewer. See [Entering highlight terms below](#).

## 3.3 Entering highlight terms

If you choose **Terms** as the source of your highlighting, you have to enter the terms in the Terms field text box to save the new highlight set. You also have the option of applying color-coding to these terms in the Viewer.

### Persistent Highlight Set Information

Name \*

Primary

Order \*

0

Source \*

☐ Highlight Fields

☒ Terms

[Manage](#)

Highlight Fields

Select

Terms

10;16;petroleum  
10;16;gasoline  
10;16;trad\*  
10;16;credit  
10;16;internal

### 3.3.1 Color-coding persistent highlights

When you enter a term in the Highlight Terms box, you can also specify the color for both the text and the background. Use the following format to color-code your persistently highlighted text:

**[background color];[text color];[term to be highlighted]**

For example, enter "3;16;Relativity" to highlight Relativity with dark green background and white text.

**Note:** Beginning in Relativity 11.3.1, the auto-contrast feature has been added to color-coding persistent highlights. This feature automatically determines the text color based off the background color you select to ensure readability no matter which colors are selected. For example, if the background color is closer to black, the text will automatically be white or if the background color is closer to white, the text will automatically be black.

Highlights are rendered at full opacity (using the original highlight color) when they are active. When they are not active, they will be rendered in a lighter shade of the original highlight color.

---

**Note:** The opacity level of the highlights can be adjusted by editing the value of the **ViewerHighlightStyleDefault** instance setting.

---

The following table includes available color codes.

Color name	Highlight Color	Number
[Default]		0
Black		1
Dark red		2
Dark green		3
Dark yellow		4
Dark blue		5
Dark magenta		6
Dark cyan		7
Light gray		8
Gray		9
Red		10
Green		11
Yellow		12
Blue		13
Magenta		14
Cyan		15
White		16
Light green		17
Light blue		18
Light yellow		19
Light purple		20
Light red		21
Light orange		22
Purple		23
Orange		24
Dark purple		25
Dark orange		26

If you enter terms with no color-coding, the background defaults to magenta and black text.

---

**Note:** Default has different implications for text and background. The default background color is white and the default text color is black.

---

### 3.3.2 Guidelines for adding terms or phrases

Use the following guidelines when adding terms or phrases into the Terms text box:

- Enter a term that you want highlighted and press **Enter**. You can enter multiple terms but each one must be on a separate line.
- Enter terms for persistent highlighting exactly as they appear in the document. Don't use quotation marks and connectors.

---

**Note:** Quotation marks are not compatible with persistent highlighting with terms as a source, which automatically searches for an exact phrase. Quotation marks are compatible when using highlight fields as a source however. Using highlight fields as a source can result in slower document loading speeds.

---

- Keep lists simple. Do not use punctuation, special characters, or operators. Do not use dtSearch syntax when entering a list of terms as the source for the set. You may use dtSearch index terms in a search terms report, then use Fields as the Persistent Highlight Source instead to support highlights for dtSearch syntax.
  - AND or OR operators are not used in keyword searching. If used, Relativity looks for the exact phrase including AND or OR. For example, you entered these search terms: Apple AND Banana. Relativity highlights the entire phrase apple and banana in the document. Separate occurrences of apple, and occurrences of banana, are not highlighted.
  - Persistent highlight set terms do support wildcards. You can view highlighted terms that contain an \* (asterisk) character, including a wildcard in the middle of a term. For example:
    - term\* matches and highlights any word that starts with term with zero or more following characters.
    - \*term matches and highlights any word that ends with term with zero or more preceding characters.
    - \*term\* matches and highlights any word that has term in it with zero or more preceding or following characters.
- Do not enter duplicate terms.
- Identify and remove terms with large hit counts.
- List variations of a term first and enter the root term last.
- If the list of terms is large (>100 terms), use Highlight Fields with a Search Terms Report. For more information, see [Search terms reports on page 61](#).

## 3.4 Using the highlight fields source

Using the Highlight Fields source in a persistent highlight set you can choose a field referencing a list of terms to highlight.

Select

Select the **Highlight Fields** option, and then click the [Select](#) button to open the Select items - Highlight Fields modal. This system view displays the Name and Object Type for applicable multiple object fields, including those created by Search Terms Reports.

**Note:** Persistent highlights generated by a search terms report don't automatically update after you load new data into a workspace. To incorporate the text from new documents, perform either a full or incremental build on the dtSearch Index, then a full or incremental build on the search terms report.

To select a Highlight Field, check the field's box, click right arrow to move it the right section. Once all of the desired fields have been selected, click **Apply**. The field appears on the layout.

**Note:** We recommend selecting a search terms report or the Domains field as your highlight fields source.

**Select Items - Highlight Fields**

1 - 10 of 39 10 per page













#	<input type="checkbox"/>	Name	Object Type
		Filter	(All)
1	<input type="checkbox"/>	OCR Results	Document
2	<input type="checkbox"/>	Domains (Email BCC)	Document
3	<input type="checkbox"/>	Domains (Email CC)	Document
4	<input type="checkbox"/>	Domains (Email From)	Document
5	<input type="checkbox"/>	Domains (Email To)	Document
6	<input type="checkbox"/>	Imaging Set	Document

0 - 0 of 0 10 per page

#	<input type="checkbox"/>	Name	Object Type
		Filter	(All)
No data.			

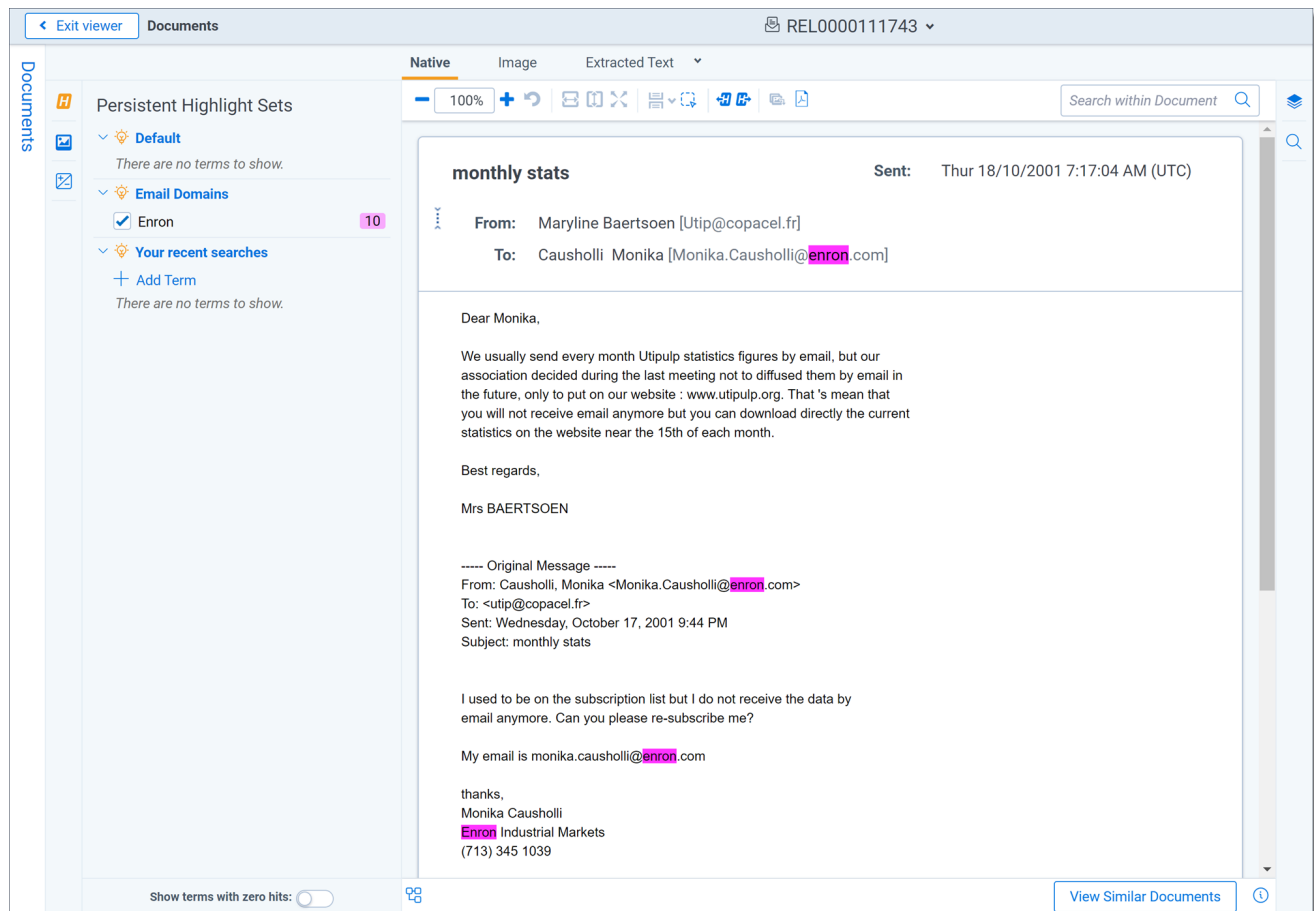
Apply Cancel

When using a Search Terms Report as the highlight fields source, the number of terms that Relativity searches for will vary among different records. Relativity only looks for the terms listed in the Search Terms Report for that document.

#	<input type="checkbox"/> Artifact ID			Control Number	STR - Search term report	Relativity Native Type
	= ▼ Filter			Filter	Filter	Filter
5	<input type="checkbox"/> 1048583			 <a href="#">REL0000073644</a>	12 attach~ Email Enron enron w/5 data Gas	Outlook Email
6	<input type="checkbox"/> 1102379			 <a href="#">REL0000110895</a>	Email Enron enron w/5 data	Outlook Email
7	<input type="checkbox"/> 1079453			 <a href="#">REL0000098527</a>	Email Enron enron w/5 data	Outlook Email
8	<input type="checkbox"/> 1134400			 <a href="#">REL0000131183</a>	attach~ David Email Enron enron w/5 data Power	Outlook Email

Relativity exhibits similar behavior when using an email Domains field as the highlight fields source. Relativity only looks for the email domains listed in the field for that document.





### 3.4.1 Best practices

Consider the following guidelines when creating or adding terms using Search Terms Reports as the highlight fields source:

- Enter terms exactly as they appear in the document.
- You can use operators such as AND and OR. For example, if you enter these search terms: Apple AND Banana, Relativity would highlight the two terms "apple" and "banana" in the document. See [Search terms reports on page 61](#) for more information.
- Wildcards are useful in some cases. For example, the search term appl\* highlights apple, application, applies, and so on. An excessive use of wildcards affects performance. Leading wildcards such as \*it-ting, are not recommended. Using asterisks in the middle of a term don't count as wildcards.
- dtSearch operators can be used to highlight searches when used for a Persistent Highlight Sets in the Native Viewer. You must use a Highlight Fields source (such as a Search Terms Report results field) to use dtSearch syntax. Relativity dtSearch operators are not supported in the Extracted Text Viewer. The highlights for these searches use the active and inactive highlighting functionality. Actively navigated highlights are the highlights that the Viewer is focused on and display with full opacity. Inactive highlights display at a lower opacity level.

---

**Note:** The increase of dtSearch operators does decrease performance.

---

- Persistent highlight does understand proximity searching. If you enter the phrase Relativity w/5 software as a search term, the search term report uses a dtSearch to find and tag all documents that meet the criteria. When viewed in the Viewer, the persistent highlighting functions as a dtSearch.
- Persistent highlights does understand the stemming character (~). If you enter the term apply~ as a search term, the search term report finds and tags all documents with the word apply, or any document that stems from apply; including applied, applies, application, and so on. When looking at the document in the Viewer, the persistent highlight functions as a dtSearch. See [Search terms reports on page 61](#) for information on supported syntax.
- Any operator in quotes will be treated as literal by the Viewer search. For example, stemming “~” and wildcard “\*” operators. However, dtSearch will treat stemming and wild card operators in quotes not as literal, but as the operator itself. For example, "run~" in the Viewer will find the exact phrase “run~” and "run~" in dtSearch will return hits for run, runner, running, etc.

## 3.5 Importing search terms for persistent highlighting

To import search terms to use as a source for persistent highlighting perform the following procedures.

### 3.5.1 Relativity component setup

Before importing search terms, use the following steps to create a Relativity Dynamic Object to handle the data.

1. Navigate to the **Object Type** tab in your workspace.
2. Click **New Object Type**.
  - a. Provide a name for the new object in the required **Name** property.
  - b. Keep all remaining properties at their default values.
  - c. Click **Save**.
3. Navigate to the **Fields** tab.
4. Click **New Field** to create the field that to hold the persistent highlight color information. This field also connects your Dynamic Object to the Document object.
5. In the New Field form, specify the following properties:
  - a. **Object Type**- <Dynamic Object created in step 2>
  - b. **Name**- Highlight Colors
  - c. **Field Type**- Fixed-Length Text
  - d. **Length**- 10
  - e. Keep all remaining properties at their default values.
  - f. Click **Save and New**.
6. Create a new field to link your Dynamic Object and the Document object. Specify the following properties:

- a. **Object Type**- Document
  - b. **Name**- <User preference>
  - c. **Field Type**- Multiple Object
  - d. **Associative Object Type**- <Dynamic Object created in step 2>
  - e. Keep all remaining properties at their default values.
  - f. Click **Save**.
7. Navigate to the **Persistent Highlight Sets** tab in your workspace.
  8. Click **New Persistent Highlight Set**.
  9. Create a new set with the following properties:
    - a. **Name**- <User preference>
    - b. **Order**- <User preference>; this controls the position of this set in the Persistent Highlight Tree in the Viewer.
    - c. **Source**- Highlight Fields
    - d. **Highlight Fields**- <The name of the field created in step 6b.>
    - e. Click **Save**.

### 3.5.2 Importing terms

To import a CSV or other Relativity-supported load file containing terms, use the following procedure.

1. Open the **Relativity Desktop Client**.
2. Select the workspace you are importing into.
3. Select the Dynamic Object you created above from the object drop-down menu.
4. Select **Tools** from the top menu.
5. Select **Import | <Dynamic Object> load file**.
6. Select your terms load file and corresponding delimiters.
7. Map the field in your load file that contains the terms to the Name field in Relativity.  
Here you can also import Relativity Highlight Color. You must have this information in the load file contained in a field in the following format: highlight color; text color (for example, 15;9). If you do not have this information in the load file, you can manually enter it for terms in Relativity. Because the latter can be time consuming, we recommend having this information in the load file if possible.

Color name	Highlight Color	Number
[Default]		0
Black		1
Dark red		2
Dark green		3

Color name	Highlight Color	Number
Dark yellow		4
Dark blue		5
Dark magenta		6
Dark cyan		7
Light gray		8
Gray		9
Red		10
Green		11
Yellow		12
Blue		13
Magenta		14
Cyan		15
White		16
Light green		17
Light blue		18
Light yellow		19
Light purple		20
Light red		21
Light orange		22
Purple		23
Orange		24
Dark purple		25
Dark orange		26

8. Click **Import** to import the terms.
9. Navigate to the object tab you created in step two of the Relativity component setup section.
10. Click on a term.
11. Select the layout you want to use from the drop-down menu.
12. Click the pencil icon to edit the layout.
13. Click **Add Object list**.
14. Use the drop-down menu to select the field you created in 6b of the Relativity component setup section.
15. Set the **View** field to your preferred document view.

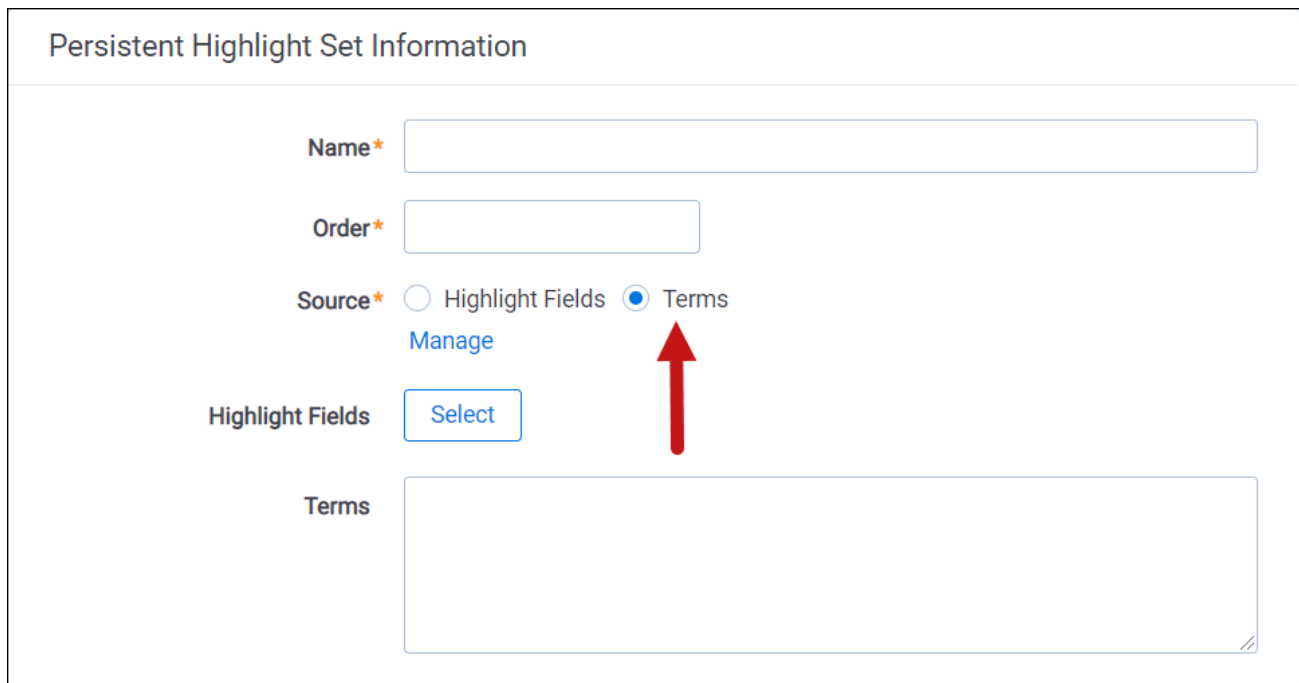
16. Set the **Link View** field to your preferred document view.
17. Click **Save**.
18. Click **Link**.
19. Select all documents.
20. Click **Add**.
21. Click **Set**.
22. Repeat steps 10 through 22 on each term.
23. Verify that the terms are highlight through the following:
  - a. Open a document in the workspace.
  - b. Open the Persistent Highlight Tree in the Viewer.
  - c. Note the presence of the newly created Persistent Highlight Set and verify that terms are highlight in the appropriate colors.

## 3.6 Creating efficient searches for persistent highlighting

Creating efficient searches improves the performance of persistent highlighting, whether you're working with a Terms Search or Highlight Fields. Use the following guidelines to create efficient searches.

### 3.6.1 Using terms search

Avoid the following when writing searches for persistent highlighting:



The screenshot shows a form titled "Persistent Highlight Set Information". It contains several fields and options:

- Name\***: A text input field.
- Order\***: A text input field.
- Source\***: Two radio button options: "Highlight Fields" and "Terms". The "Terms" option is selected, indicated by a blue dot and a red arrow pointing to it.
- Highlight Fields**: A section with a "Select" button, which is only visible when "Highlight Fields" is the selected source.
- Terms**: A large text area for entering search terms, which is only visible when "Terms" is the selected source.

- Do not use "AND" or "OR" connectors. Persistent highlighting looks for the exact phrase, trade and complete, instead of the word, trade, and the word, complete.
- Proximity, fuzziness, and stemming logic cannot be used in a Terms Search. Consider using Highlight Fields to access these search features as described below. The system ignores the dtSearch syntax. Terms receive no highlight if you use these advanced searching features. The search terms report Count column still lists the number of matching terms. For example:
  - The search term, oil w/10 water, searches for the exact phrase oil w/10 water.
  - If you enter the term apply~ as a search term, persistent highlighting technology looks for the term apply followed by any special character.
- Avoid using terms with a large number of hits per document. Persistent highlighting highlights each hit. For example, it takes longer to load a Word document containing 1,000 instances of a single term.
- Avoid using terms that only occur once in a document. Use search terms reports for those terms instead.
- Avoid long lists of numbers, such as Bates numbers or account numbers.
- Do not use duplicate terms.

Use the following techniques to optimize your searches:

- Use the dtSearch Dictionary to identify variations of a term instead of using wildcards.
  - Identify which terms should be in the highlight set and which terms are not necessary.
  - You may want to avoid highlighting terms with high word counts.

---

**Note:** To highlight terms using objects, create a fixed-length text field for your object called Highlight Colors. You can enter color-coding in this field using the format: **[highlight color];[text color]**.

---

### 3.6.2 Using highlight fields

Consider the following guidelines when creating or adding terms using Search Terms Reports as the highlight fields source:

### Persistent Highlight Set Information

Name\*

Order\*

Source\*


☒ Highlight Fields
 ☐ Terms

Manage

Highlight Fields

Select

Terms



- Enter terms exactly as they appear in the document.
- You can use operators such as AND and OR. For example, if you enter these search terms: Apple AND Banana, Relativity would highlight the two terms "apple" and "banana" in the document. See [Search terms reports on page 61](#) for more information.
- Wildcards are useful in some cases. For example, the search term appl\* highlights apple, application, applies, and so on. An excessive use of wildcards affects performance. Leading wildcards such as \*it-ting, are not recommended. Using asterisks in the middle of a term don't count as wildcards.
- dtSearch operators can be used to highlight searches when used for a Persistent Highlight Sets in the Native Viewer. You must use a Highlight Fields source (such as a Search Terms Report results field) to use dtSearch syntax. Relativity dtSearch operators are not supported in the Extracted Text Viewer. The highlights for these searches use the active and inactive highlighting functionality. Actively navigated highlights are the highlights that the Viewer is focused on and display with full opacity. Inactive highlights display at a lower opacity level.

---

**Note:** The increase of dtSearch operators does decrease performance.

---

- Proximity searching logic can be used with Highlight Fields. If you enter the phrase "Relativity w/5 software" as a search term, the search term report uses a dtSearch to find and tag all documents that meet the criteria. When viewed in the Viewer, the persistent highlighting functions as a dtSearch. See [Search terms reports on page 61](#) for information.
- Stemming, including the stemming character (~), can also be used with Highlight Fields. If you enter the term "apply~" as a search term, the search term report finds and tags all documents with the word apply, or any document that stems from apply; including applied, applies, application, and so on. When looking at the document in the Viewer, the persistent highlight functions as a dtSearch. See [Search terms reports on page 61](#) for information.

- In Search Terms Reports, you can use the Dictionary Search function to identify search terms using stemming or fuzziness. Copy the list of terms returned in this search. Paste them in the Add Terms box on the Search Terms Report form. Doing this enhances your search term list, while avoiding errors caused by special characters.
- Use the dtSearch Dictionary to identify variations of a term instead of using wildcards.
  - Identify which terms should be in the highlight set and which terms are not necessary.
  - You may want to avoid highlighting terms with high word counts.



## 4 Search terms reports

Search terms reports provide the ability to identify documents containing specific keywords or terms. You can enter multiple terms and generate a report listing the number of hits for each term in a document. You can also select an option to create a multiple object field for the search terms report to use in your persistent highlight sets. When you select a search terms report for use with a persistent highlight set, the report determines which terms or phrases to highlight in the documents through the Review Interface.

### Using search terms reports

You are a system admin at a law firm and one of your clients, a construction company, is involved in litigation regarding the use of materials that they were not informed were potentially environmentally damaging when they purchased them from a major supplier.

There are roughly three million files related to this case, including emails, email attachments, invoices, and technical manuals related to construction practices and material handling.

Before you begin review, you want a report that tells you how many times the names of toxic substances appear in the documents. To get this, you create a new search terms report. You give it a name that is consistent with other objects you've created for this case, "Hazardous Materials search terms report." For the Index field, you select the dtSearch index you already created for your reviewers. Since you do not need to actually tag the documents that contain the terms you want to include, you leave the Tag field unselected. For the Searchable Set field, you select the set of documents you specified when you created the saved search for the dtSearch index data source. Finally, in the Add Terms field, you enter the substances you want reported on, which are the same ones included in your client's lawsuit and the same ones for which you've already created choices for an issue coding field. These terms are:

- lead
- asbestos
- asphalt
- radioactive isotopes

You save and run the report. The results tell you how prevalent these terms are in the data set. You now have a better idea of what lies ahead.

### 4.1 Guidelines for using search terms reports

Use the following guidelines to ensure that your search terms report properly highlights the required terms:

- Define a saved search using conditions that return the required group of documents for the **Searchable Set**. Persistent highlighting applies only to documents in the searchable set. Relativity also only counts hits that fall within the searchable set. Related items not included in the searchable set will not be searched for search terms.
- Confirm that your dtSearch index includes all documents in the **Searchable Set** of the search terms report.

- Select the **Tag Hits** toggle to create a multiple object field for the search terms report. If this field is not created you cannot select it in the **Highlight Fields** option when creating a persistent highlights set. See [Persistent highlight sets](#).
- When using a search terms report as a highlight source in a persistent highlight set, only the terms in documents associated with the current reports appear highlighted. If you add new search terms to the reports, you must run pending terms so that they appear highlighted in documents.
- The system automatically preserves the precise order in which the terms were entered when generating a report.

---

**Note:** Fuzzy searching is not supported in Search Terms Reports (STR). You must use the Dictionary function to perform fuzzy searching. You would then add the desired terms to the STR. For information on how to use the Dictionary, see [Running a Dictionary search](#).

---

## 4.2 Creating a search terms report

To create a new search terms report, follow these steps:

1. Navigate to the **Search Terms Reports** tab.
2. Click **New Search Terms Report**.
3. Complete the fields on the form. See [Fields](#).
4. Click **Save**.

After saving the search terms report, the Search Terms Report Status section and Search Terms Report console appear. As the status section indicates, you must add terms to your new report. See [Adding terms and highlight colors](#).

### 4.2.1 Fields

Search terms reports contain the following fields:

Search Terms Reports
Summary Reports
Pivot Profiles
Domains

Search Terms Reports
Save
Save and New
Save and Back
Cancel

### Search Terms Report Information

Name\*

Index\*

Select

Searchable Set\*

Select

Include Relational Group

Select

Tag Hits

☒

Show In Field Tree

☒

Calculate Unique Hits

☐

Remove Hidden Characters

☒

Email Notification Recipients

Notes

- **Name**—the search terms reports name. This value cannot exceed 75 characters.
- **Index**—the dtSearch index used to create the report.
- **Searchable set**—a saved search that includes a set of documents you want to use for your search terms reports. The Searchable Set Index field displays the index associated with the saved search you select. The index for the saved search may differ from the search index used to create the search

terms report.

**Search Terms Report Information**

**Name\*** Salt and Pepper STR

**Index\*** STR Search Index **Select** **Clear**

**Searchable Set\*** All Documents **Select** **Clear**

**Searchable Set Index** dtSearch

**Include Relational Group** **Select**

- **Include relational group**—includes the "Documents with Hits + [Group Name]" counts for each term in the search terms results. This value counts the documents with hits for each term as well as all documents in the same relational group as the documents with hits. Include relational group only includes hits of related items in the searchable set. Relativity does not look outside of the searchable set. Click **Select** and then choose a relational group to include.
- **Tag Hits**—if enabled, saves the results to a multiple object field named after the search terms report with the prefix STR, STR - Industry terms for example, so that the results can be reviewed later. Tags each document containing search hits using the STR multiple object field with the search terms found in each document.
- **Show in Field Tree**—if enabled, automatically adds the terms to the field tree on the Documents view.
- **Calculate unique hits**—if enabled, includes a unique hits value for each term in the search terms results. Unique hits is the count of documents in the searchable set returned by only that particular term. If more than one term returns a particular document, that document is not counted as a unique hit. Unique hits reflect the total number of documents returned by a particular term and only that particular term.

---

**Note:** Unique hits can help you identify terms in your search terms report that may be overly inclusive.

---

- **Remove Hidden Characters**—if enabled, automatically filters out hidden or non-displayable text control characters when creating or editing terms for the Search Terms Reports.
  - These hidden control characters have been known to cause issues in searching and can be unknowingly copied from Word or Excel documents.
  - The list of control characters that are filtered are the same as the default ignore section of the dtSearch alphabet file text.

- **Email notification recipients**—specifies recipients to send an email notification to when your search terms report finishes running. Enter the email addresses of the recipients. Separate entries with a semicolon.
- **Notes**—enter notes specific to the search terms report.

When viewing a list of search terms for a search terms report, term strings are limited to a set number of characters by default. Hover over a term to view the term string in its entirety.

Terms <span>Add Terms</span> <span>Edit</span> <span>Delete</span>			
<input type="checkbox"/> Term	Text Color	Background Color	Status
<input type="checkbox"/> <span>construction;</span>	Black	Orange	Completed
<input type="checkbox"/> <span>Candidate residency for all global regio...</span>	Black	Light green	New
<input type="checkbox"/> <span>Candidate residency for all global regio...</span>	Black	Light green	New
Candidate residency for all global regions excluding zone one two and three			

#### 4.2.1.1 Creating STRs through workspace templates

Additionally, you can create STRs through workspace templates using the following steps:

1. From your active workspace, ensure that the **Search Terms Reports** object type setting for **Copy Instances On Workspace Creation** is **enabled**.

Object Type Information

Name	Search Terms Reports
Parent Object Type	Workspace

Object Type Settings

Pivot Enabled	No
Sampling Enabled	No
Lists Enabled	No
Snapshot Audit On Delete *	<input checked="" type="checkbox"/>
Use Relativity Forms	Yes
Copy Instances On Workspace Creation	<b>Yes</b>
Relativity Applications	<a href="#">Search Terms Report</a>

2. **Create a new workspace** using the active workspace as your workspace template. The search terms reports are copied over to the new workspace.

## 4.2.2 Adding terms and highlight colors

To add terms to your search terms report:

---

**Note:** You must create a persistent highlight set for highlighted terms to appear in your documents. See [Persistent highlight sets](#) for more information.

---

1. Click the name of your search terms report.
2. Click **Add Terms**.
3. Enter your terms in the text box so that each term appears on a separate line.  
Alternatively, you can also click the **Dictionary** link to display the Dictionary Search pop-up. In the pop-up you can perform searches using fuzziness, proximity, and stemming. Click **Copy to List** to add the Dictionary search results to the New Terms text box.

---

**Note:** Each line is treated as an individual dtSearch query. For more information about dtSearch, refer to the [Searching Guide](#).

---

4. (Optional) Select a background color and text color using the color picker. See the preview text to verify that the resulting highlighted text is readable. By default, highlighted terms appear as black text with an orange background.
5. Click **Add** to add your new terms to the terms list.

---

**Note:** A single term has a character limit of 450.

---

A confirmation message displays with the count of new terms added. Duplicate terms are ignored. After adding new search terms to an existing report, you must run the terms so that they appear highlighted in documents. For more information, see [Running a search terms report](#).

## 4.2.3 Editing terms and highlight colors

To edit a term in your search terms report:

1. Click the name of your search terms report.
2. In the Term column, click on the term you would like to change. The field will become editable.
3. Edit the text, then press **Enter**.
4. **Run Pending Terms** in order to update the search terms report. For more information, see [Running a search terms report](#).

To edit the background and text color of terms:

1. Click the name of your search terms report.
2. Select the checkbox next to the terms you want to change, then click **Edit**.
3. Choose the new background and text color, then click **Save**.

---

**Note:** Changes to background and text color apply to all terms being edited.

---

## 4.2.4 Deleting terms

To remove terms from the search terms report:

1. Click the name of your search terms report.
2. Select the checkbox next to the terms you want to edit, and then click **Edit**.
3. Click **Delete**.
4. Click **Delete**.

If you remove search terms from the reports, the terms automatically disappear from the search terms report results. You must run the report again for accurate totals in the status bar and when using View Term Report.

## 4.2.5 Copying a search terms report

You can copy an existing search terms report using the mass copy operation.

To copy a search terms report:

1. From the **Search Terms Reports** tab, click the checkbox next to the search terms report you want to copy.
2. From the mass operations bar, select **Checked**. Alternatively, you can select **All** to copy all search terms reports.
3. Select **Copy** in the drop-down menu.  
The Copy window displays.
4. Click **Ok** to copy the items.

## 4.3 Running a search terms report

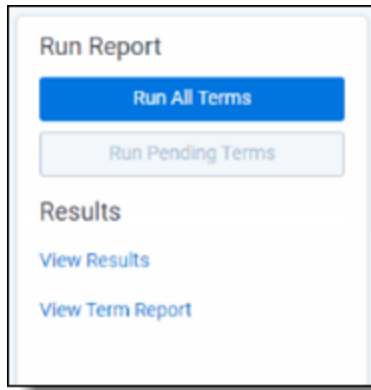
You generate a search terms report by using the options available in the search terms report console. The console appears after you save a search terms report or when you open an existing report from the Search Terms Reports tab.

The console includes the following options:

- **Run All Terms**—generates counts for each term. Use this option when generating the report for the first time or if you want to regenerate counts for all terms in the report. Run all terms after adding new documents to the searchable set.
- **Run Pending Terms**—updates an existing report. It runs a report on only those terms with a Pending status.
- **View Results**—opens the *Search Terms Results (All)* page. This page displays the report results, listing the number of document hits for each term. From the Search Terms Results (All) page, click the *To Report* button to return to this page.



- **View Term Report**—opens the report in a graphical format. You can print or save the report. To save the report, click the *Export To* drop-down menu at the top of the page and select a file type, such as PDF. The file export begins automatically and saves the file to your local download location.



The Search Terms Reports > Terms table has the following columns:

- **Name**—search term included in search terms report.
- **Status**—shows the current status of the searched term. Options include Completed, Pending, and Error.
- **Documents with hits**—the number of documents in the searchable set that contain the search term.

---

**Note:** Documents with hits is not security-aware or influenced by permissions. This means that it includes documents the user cannot view in a basic search. For example, a user could perform a dtSearch that returns a total of five documents, including two inaccessible documents. Even though the user can only view three documents, the search terms count still includes all five documents originally tagged with the search term.

---

- **Documents with hits, including group**—counts the documents with hits for each term as well as all documents in the same relational group as the documents with hits. The count only includes hits of related items in the searchable set. It will not look outside of the searchable set.
- **Unique hits**—counts the number of documents in the searchable set returned by only that particular term. If more than one term returns a particular document, that document is not counted as a unique hit. Unique hits reflect the total number of documents returned by a particular term and only that particular term.
- **Last Run Time**—time stamp when the search terms report last ran.
- **Last Updated**—time stamp when the search term was last updated.
- **Error messages**—displays error messages for report terms, if encountered. See [Managing errors](#) for more details on error handling in search terms reports.
- **Text Color**—the font color you set when adding the term.
- **Background Color**—the background color you set when adding the term.

In this page, you can also access a list of any terms that failed during the creation of the search terms report. To read these error messages, change your view to *Search Terms Results (All)*.



---

**Note:** RelativityOne now runs up to 20 search terms reports in parallel, simultaneously, on a single instance across any number of workspaces. You can, however, queue as many reports as needed and they will run when others complete.

---

### 4.3.1 Search terms reports status

After running a search terms report, the search terms reports status section appears. It lists the search terms report name and status. The status indicates the current progress of the report. This field contains either Searching your terms, Completed, or Error.

Report Status: Completed			
Number of Terms	Documents with Hits	Documents with Hits + Relational Groups	Documents in Searchable Set
2	380	0	15937

This section also provides a summary of the search terms report and its results:

- **Number of Terms**—total number of terms run in the search terms report.
- **Documents with Hits**—the number of documents in the searchable set that contain the search term.
- **Documents with Hits + Relational Groups**—counts the documents with hits for each term as well as all documents in the same relational group as the documents with hits.
- **Documents in Searchable Set**—total documents in the designated searchable set.

### 4.3.2 Managing errors

As the search terms report runs, Relativity checks for errors. If Relativity encounters errors, you will see a red banner just above the list of terms. You will also see a message in the **Error message** column for each term that Relativity could not process. The **Status** column displays Error.

Documentation Reporting Search Terms Repo... Search Terms Reports ☆

Search Terms Reports Summary Reports Pivot Profiles Domains

Search Terms Report Edit Delete Back Edit Permissions View Audit

Number of Terms: 3 Documents with Hits: 0 Documents with Hits + Relational...: 0 Documents in Searchable Set: 14,959

Term error - One or more terms have completed with errors. Please review the 'Error message' column in the Terms list below, resolve errors and then Run Pending Terms.

Terms Add Terms Edit Delete

Term	Status	Doc...	Doc...	Uniq...	Last Run Time	Last Updated	Error message
(apple AND orange)	Error	0	0		2/26/2024, 1:56 PM	2/26/2024, 1:56 PM	Syntax error: Parentheses must have matching sets. Example: (cat AND dog)
apple OR	Error	0	0		2/26/2024, 1:56 PM	2/26/2024, 1:56 PM	Syntax error: One or more words are missing. This is how dtsearch interpreted your request: apple ("???") means that dtSearch thinks a word is missing.)
wireless w/5 sensor	Completed	0	0		2/26/2024, 1:56 PM	2/26/2024, 1:56 PM	

The error messages tell you the type of error encountered. For example, you can resolve syntax errors yourself and then retry them, while support errors require customer support for resolution.

- **Syntax errors**—the search index could not search for the term due to an error in the syntax. The message tells you what is wrong with the syntax and how to fix it. You can fix these errors yourself by editing the term and addressing the issue outlined in the error message. For example, the second syntax error in the image below indicates a missing parenthesis. You can edit the term and add the missing parenthesis in this case.

Error message

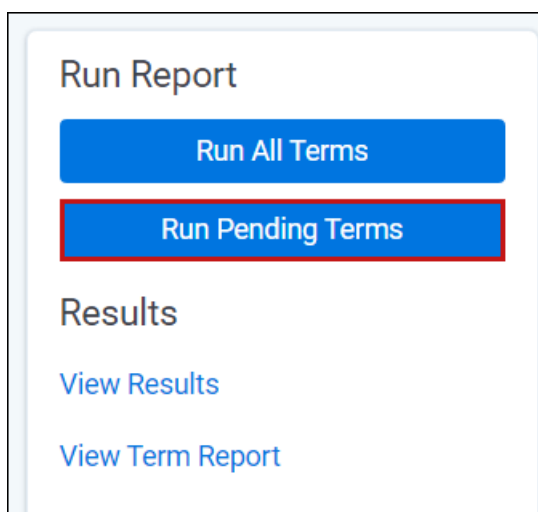
Filter

Your search contains only noise words, whitespace or ignored characters. Check term or alphabet and noise configuration and try again.

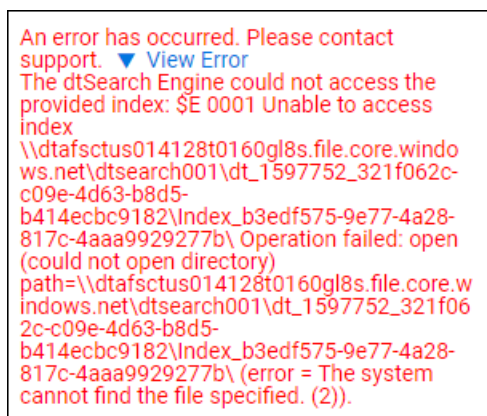
Syntax error: W\N connector. This is how dtsearch interpreted your request: ((tank w/3 51) w/250 (waste w/3 manifest

Syntax error: Parentheses must have matching sets. Example: (cat AND dog)

After you address syntax errors, you must rerun the report to capture the terms. Click the **Run Pending Terms** button in the **Run Report** console to run the report on the pending terms. When complete, the page updates with the new term status.



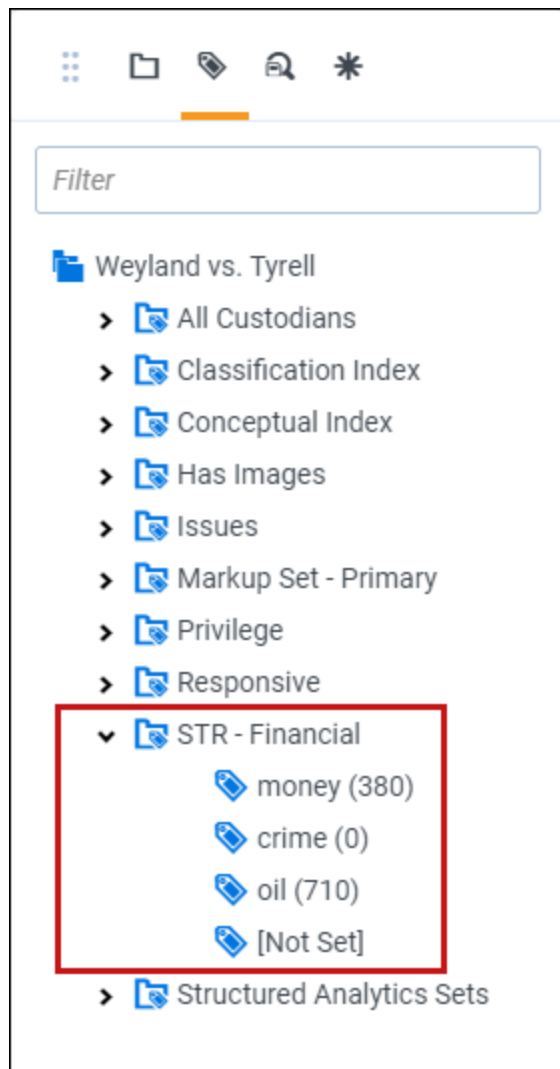
- **Support errors**—are errors that you cannot resolve yourself. Support errors require intervention from customer support. The error message includes an expandable section with explicit details about the error, which support can use to help determine and resolve the issue.



## 4.4 Accessing tagged documents using the Field Tree browser

After you run a search terms report with the **Tag** option enabled, Relativity creates a folder in the Field Tree browser with documents grouped by tags found by the search terms report. Each tag includes the count of documents containing that term. The folder is named after the STR multiple object field created by the search terms report. For example, if your STR is named Produced Documents, the folder in the Field Tree browser is named STR - Produced Documents.

Click a search term tag in the Field Tree browser to view documents in your searchable set tagged with the selected term. You can also email a link to the tagged documents by right-clicking the tag results and selecting **Email Link**.



## 4.5 Using tagged search terms in a saved search

After you run a search terms report with the **Tag** option enabled, Relativity creates choices for each of the terms that you specified. You can then use these choices as criteria in a saved search.

Use this procedure to create a saved search using tagged search terms:

1. Follow the instructions for setting fields in the Information and Search Conditions sections on a saved search.
2. Click on the Fields tab in the Saved Search pop-up.
3. Select the desired field in the Unselected section and move it to the Selected section using the arrow icons.
4. Click the **Condition** button and select an option from the pop-up.

5. Perform the following tasks on the **Select STR** dialog:
  - a. Select your search terms report in the Field box.
  - b. Select an Operator, such as *any of these*.
  - c. Select the STR option from the **Condition** drop-down menu to select search terms on the **Select Items** dialog.
  - d. Set any other fields as necessary.
6. Click **OK**.

For example, if you added the tagged search terms called money, crime, and oil, the Conditions section would appear as follows:

The screenshot shows a dialog box titled "Condition: STR - Financial". At the top, there is a dropdown menu labeled "these conditions" and a "Condition" dropdown menu with a "Logic Group" button next to it. Below this, there are three condition entries, each in a light blue box:

- 1. STR - Financial  
any of these: money
- AND
- 2. STR - Financial  
any of these: crime
- AND
- 3. STR - Financial  
any of these: oil

At the bottom right of the dialog, there are two buttons: "Apply" and "Cancel".

7. Repeat steps 1-3 for each tagged search terms.
8. Click **Apply** and **Save & Search** to run your query.

## 4.6 Permissions

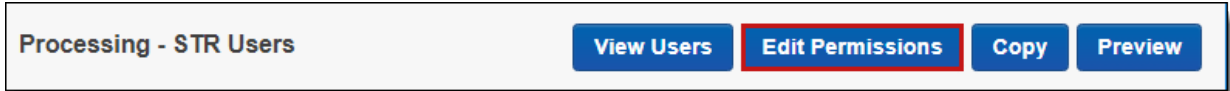
You may have an occasion where you want to grant limited permissions to a group of users outside of the site administrators. For example, you want to limit users from creating new Search Terms Reports to keep your environment organized. However, at the same time, you want users to view, edit, and add to existing terms lists.

To add search terms reports permissions to a user group:

1. Create a new user group and add it to your workspace.

**Note:** If you do not know how to create a new user group, see The Admin Guide. If you need help adding the group to your workspace, see The Admin Guide.

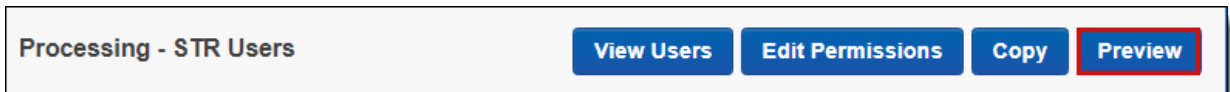
2. From the Manage Workspace Permissions modal window, click **Edit Permissions**.  
In the image below, the group name is **Processing - STR Users**.



3. Scroll down to locate the two entries for search terms reports—Search Terms Reports and Search Terms Result. You want to edit permissions for existing terms, so you will edit the Search Terms Result object. The Search Terms Reports object grants permissions for reports overall and not the content within the report. Click one or more icons to enable the permission level. Available levels include *Disable*, *View*, *Edit*, *Delete*, *Add*, or *Manage Security*.



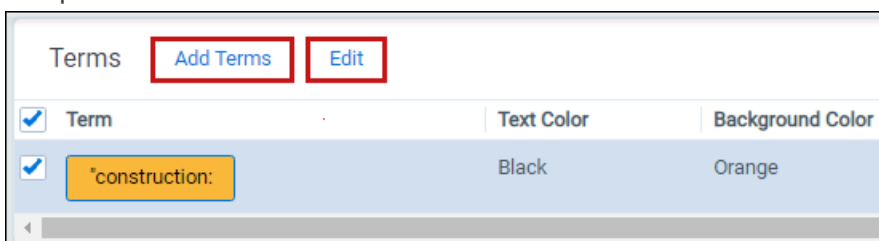
4. Click **Save**.
5. Click the **Manage Workspace Permissions** link.
6. Click the **Preview** button for your group.



The workspace opens with the group permissions applied. This view is helpful if you want to see how the workspace looks and functions as a group member. A banner across the top of the page reminds you of the preview mode.



7. Open a search terms report.  
You now see buttons above the search terms list corresponding to the permissions granted. In the image below, add and edit permissions apply.
8. Check the box next to one or more search terms.  
The permission level buttons become active.



9. Click the appropriate button to edit the search term.

**Note:** If the only permission level granted is Edit, you will not see any buttons above the list. In this case, you can click any search term to enable a text box. Complete your edits and click Enter to save and exit.

Terms		
Term	Text Color	Background Color
*construction:	Black	Orange

## 5 Searching overview

Relativity includes flexible search features designed to facilitate the document review process. These features support a range of searching needs from filtering on fields and simple keyword searches to the development of complex queries. The following list summarizes the searching features available in Relativity.

### 5.1 Filters

You can use filters to limit the documents or items that appear in item lists on Relativity tabs and pop-ups. When you enable the filters for an item list, you can set criteria on single or multiple fields so that only matching documents or items appear in the view.

Filters query across the searchable set of documents in the active view to return your results. Relativity supports multiple filter types so that you can choose the best format for different field types. See the Searching Guide for more information.

### 5.2 Keyword searches

You can run keyword searches from the Documents tab and from Dynamic Object tabs. With these searches, you can leverage the basic functionality for querying the SQL full-text index populated with data from extracted text fields. The keyword search engine supports the use of Boolean operators and wildcards. See the Searching Guide for more information.

### 5.3 Saved searches

Saved searches give you the functionality to define and store queries for repeated use. With flexible settings, you can create a saved search based on any Relativity search engine, assign security permissions to it, and define specific columns to display your search results. Saved searches support the development of complex queries that you build using a form with search condition options. These queries run dynamically to ensure that updated results appear when you access a saved search. See the Searching Guide for more information.

### 5.4 dtSearches

Available on the Documents tab, you can use the advanced searching functionality to run queries with proximity, stemming, and fuzziness operators, along with basic features such as Boolean operators and wildcards.

System administrators can create a dtSearch index for a specific subset of documents in a workspace, and then assign security to it. They must manually update indexes when you modify the document search sets used to create them. See the Searching Guide for more information.

### 5.5 Analytics

Supporting conceptual searching, Analytics includes documents in a result set when they contain similar ideas or conceptual relationships, rather than matching specific search terms or conditions.

You can create searches with Analytics that categorize your documents based on the concepts contained in a sample document set. Instead of categorizing documents, you can also perform clustering, which uses



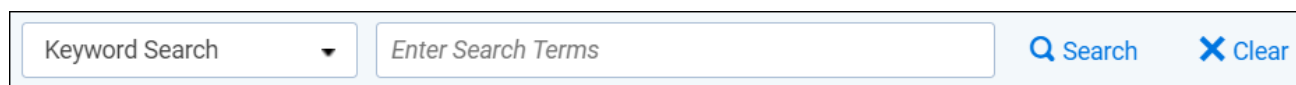
specific algorithms, system-defined rules, to identify conceptually related documents. See the Searching Guide for more information.


## 5.6 Regular expressions

Regular Expressions (RegEx) is a form of advanced searching that looks for specific patterns, as opposed to certain terms and phrases. With RegEx you can use pattern matching to search for particular strings of characters rather than constructing multiple, literal search queries. You can use RegEx with a dtSearch index using dtSearch syntax options to construct complex queries. See the Searching Guide for more information.

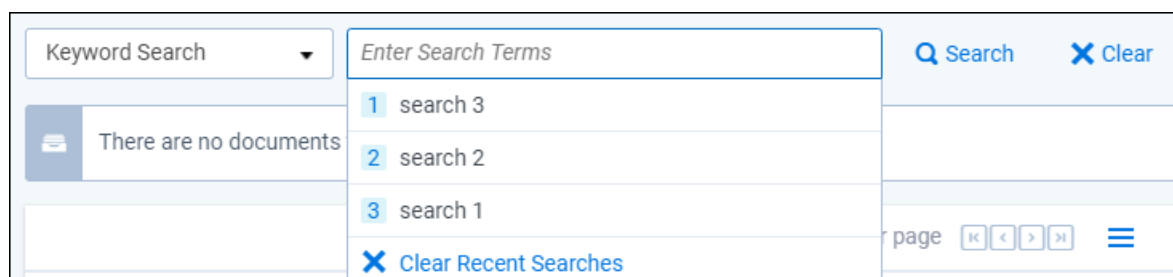
## 5.7 Additional features

Relativity provides additional features that makes searching easy to use from the Documents tab. Use the **search bar** to run a keyword search query, or click the drop-down list to select another search index you created.



With the *search condition* option, you can build queries using the same condition options available for saved searches. You can click **Save as Search**  on the Documents tab to create saved searches based on the criteria defined for keyword searches, dtSearches, Analytics, or the search conditions option. See the Searching Guide for more information.

You can also use the search bar to view recent searches. Click in the search bar to see up to 10 of the most recent searches from any index in descending order, with the most recently run search first.



Select any search from the list to run that search. To clear the list, click **Clear Recent Searches**.

## 5.8 Search conditions

You can use the search conditions option to build complex queries by selecting fields, operators, and values. While this feature has the same functionality as the search condition section of the saved search form, it's conveniently available from the Documents tab and Relativity Dynamic Object tabs. This option displays up to five rows, with each row representing a separate criterion. Depending on the type of field you select, different operators appear. You can use this option alone or in conjunction with keyword searches, dtSearches, Analytics, or Cluster visualization. When you use search options in conjunction with another search feature, documents must both meet the search criteria and also the conditions specified.

---

**Note:** To use the search conditions option, you must have add or edit permissions for **Search** and access to the **Saved Searches Browser** assigned to you through the Security page. See Workspace security in the Admin Guide.

---

## 5.8.1 Setting up search conditions

### 5.8.1.1 Setting up search conditions in the Search panel


To set up search conditions in the Search panel follow these steps:

1. Navigate to the Search Builder.
2. Click **Add Condition** and select the fields to which you want to apply conditions.  
A pop-up window opens for each condition field you select.
3. Set the required conditions in the relevant field pop-up window by selecting the desired field or by choosing a field category and then selecting the desired field.
4. Click **Apply**.
5. (Optional) Click **Add Logic Group** to add a logic group. Logic groups are evaluated first, and then connected to other filter conditions or logic groups using AND / OR operators.
6. (Optional) Drag and drop conditions together to create logic groups.
7. (Optional) Add the AND or OR operators to connect the criterion.
8. Click **Apply**.

If you need to edit the condition, click on the condition card. The pop-up reopens so you can make changes.

### 5.8.1.2 Setting up search conditions in the Search browser

To set up search conditions in the Search browser, follow these steps:

1. Click  to navigate to the Search Browser.
2. Click **New Search**.
3. Click **Add Condition** and select the fields to which you want to apply conditions.  
A pop-up window opens for each condition field you select.
4. Set the required conditions in the relevant field pop-up window.
5. Click **Apply**.
6. (Optional) Click **Add Logic Group** to add a logic group and drag and drop your conditions into the frames. Logic groups are evaluated first and then connected to other filter conditions or logic groups using AND / OR operators.
7. (Optional) Add the **AND** or **OR** operators to connect the criterion.
8. Enter all required fields.
9. Click **Save** or **Save As**.

If you need to edit the condition, click on the condition card. The pop-up reopens so you can make changes.

### 5.8.1.3 Using the multiple object condition builder

You can set conditions for **multiple object fields** from a single pop-up window. The following example uses Batch as a multiple object field condition.

To use the multi-object condition builder, follow these steps:

1. Click **Add Condition** from the Search browser or Search panel.

2. Enter or select **Batch**.

The Condition: Batch window opens.

3. Select the desired operator from the **Operator** drop-down list. For example, **these conditions**.

4. Click **Add Condition**.

5. Select the condition from the **Add Condition** drop-down list. For example, **Batch:: Batch Set**.

6. Click the available fields from the **Available** column and move them to the **Selected** column as desired.

7. Click **Apply**.

8. (Optional) Click **Add Logic Group** to add a logic group. Logic groups are evaluated first and then connected to other filter conditions or logic groups using AND / OR operators.

9. (Optional) Drag and drop conditions into logic groups as desired.

10. Click **Apply** on the Condition: Batch window.

Relativity applies your search conditions.

For more information about multiple object searching logic, see Multiple object searching.

## 5.8.2 Canceling queries

You can cancel a long-running search or view by clicking the **Cancel** button. This link appears when you perform a keyword search, dtSearch, Analytics search, or use Pivot. It also appears when you filter or sort a document or Dynamic Object list. It also appears when you perform other actions on item lists containing documents or Dynamic Objects that initiate a query in the background.

When you click **Cancel Request**, Relativity stops the background query used to populate documents in an item list. If you edit a search and click this link, your changes save, but the item list doesn't load. For example, your changes save when you perform a mass edit on a list of documents in a search and then click **Cancel Request** when the query is running to redisplay the updated list.

---

**Note:** Relativity creates an audit record in the History tab for canceled queries. The query description displays the running time of the query and indicates that it was canceled. You must have the appropriate permissions to view this tab.

---

The following table explains different scenarios in which you might cancel a running query and whether the query actually cancels.

Scenario	Result
You start a query and click <b>Cancel Request</b> or <b>Cancel</b> .	The query is canceled.

Scenario	Result
You start a query and close the browser.	The query is canceled.
You start a query and an system admin resets the IIS on the server.	The query is not canceled.
You start a query and leave your browser idle for longer than the session timeout specified in Relativity web.config, regardless of whether you clicked <b>OK</b> or <b>Cancel</b> on the message from the webpage pop-up.	The query is not canceled.
You start a query and click <b>Cancel</b> on the message from the webpage pop-up within the session timeout specified in Relativity web.config.	The query is canceled.
You start a query and click <b>OK</b> on the message from webpage pop-up within the session timeout specified in Relativity web.config.	The query continues to run. Relativity returns you back to the waiting screen (see the first row of this table).
You start a query and paste a different URL into your browser, or you refresh the page.	The query is canceled.

### 5.8.3 Frequently asked searching questions

This section includes frequently asked questions from Relativity users.

#### 5.8.3.1 Multiple terms in dtSearch queries

Why would I receive an error message saying my query is too complex?

Relativity can't return precise results when a query includes search conditions that are too complex due to the use of multiple search terms. To avoid this error message, simplify your search criteria. For example, search for 10 instead of 50 terms in your query. You can save and tag your search results from each simpler query. With this approach you can search on the required terms, while providing better results.

#### 5.8.3.2 Proximity searches in dtSearch queries

Why are terms in my proximity search highlighted even when they don't match my defined W/N criteria?

Relativity highlights terms that meet the requirements of your proximity search as well as the individual search terms. This behavior doesn't affect the results of your proximity search, which returns the appropriate documents. For example, the results of a proximity search for instances of law within three words of order (that is "law W/3 order") includes highlighted terms of "law" and "order" when they aren't within three words of each other. To accommodate this behavior, focus only on the results that match the proximity search criteria, and disregard the other highlighted terms.

#### 5.8.3.3 Using reserved characters in dtSearch queries

Can I use a reserved character such as ampersand (&) in my dtSearch queries?

The following characters have special meaning in dtSearch, and must be treated with care when they appear in your queries: ?, \*, %, ~, #, =, :, &, (). Use the dictionary to explore syntax options if necessary.

If you want to make any of these characters searchable, you must add them to the alphabet file and, in some cases, use Regular Expressions in your search. For more information, see the Searching Guide.

#### 5.8.3.4 Multiple conditions

Why do my searches run slowly when I use multiple conditions?

When you add multiple search conditions to a query, Relativity searches on these conditions relative to each other, which slows down the return of your results. For example, you experience slow performance when running a query on all email messages received "after June 1" and "before June 30" of the same year. You can improve performance by using as few conditions as possible, such as excluding the condition "before June 30". Run the query with only the condition "after June 1", and then sort or filter your results to display messages received between the desired dates.

#### **5.8.3.5 Nesting searches**

Can I nest multiple searches in a saved search?

For performance reasons, we don't recommend nesting multiple searches in a saved search. You can select a search as a condition, but using multiple searches as conditions slows down the return of your results. See the Searching guide for more information.

## 6 Tabs

A workspace contains tabs that provide you with easy access to different Relativity features, including documents, search terms reports, views, and other default functionality. Relativity is a highly customizable platform. Commonly used tabs can be added to the Sidebar so that they can conveniently be accessed at any time.

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**Note:** RelativityOne includes a tool that allows you to choose a workspace to use as a source template for tab structure and then lets you apply that template across multiple workspaces in your instance.

---

You can also apply any workspace template with a tabs arrangement that best serves your review needs. Some workspace templates also include custom tabs for specialized functionality.

You can add custom tabs in workspaces or at Home. Users with admin rights also have access to a Tabs tab from Home. The functionality of this Tabs tab is the same as the Tabs tab in a workspace.

In addition, Relativity automatically creates a tab when you add a new object type.

### Using tabs

You're a system admin facilitating a document review project involving thousands of patients whose private personal health information was stolen during a security breach.

You're in the process of creating an application for tracking the many attorneys associated with this litigation. You want to add to this application a list of all the law firms where these attorneys work to go along with the list of attorney names you've already created.

To do this, you want to create a new tab to hold the names of these law firms. You go to the Tabs tab and create a new tab with a name of Law Firms and an order of 10. You keep the Link Type field at its default value of Object. For the Object Type field, you select the Law Firm object type, which you just created as one of the several objects that will make up the application you're creating.

Tab Information

Name \*

Law Firm

Tab Type \*

Object

Object Type \*

Law Firm

Set as Default Tab \*

☐

Visible

☒

Relativity Applications

Select

Tab Location

Show in Sidebar \*

☐

Parent

Order \*

10

View Order

Once you save the Law Firms tab, you can now populate it with the names of firms that employ the many attorneys involved in your case.

## 6.1 Creating and editing tabs

To create or edit a tab, follow these steps:

1. Click the **Tabs** tab.
2. Click **New Tab**. If you're editing an existing tab, click the  icon in the row of the tab you would like to edit.
3. Complete the fields on the form. See [Fields below](#).
4. Click **Save**.

## 6.2 Fields

Information on the fields in the Tab Information and Tab location are described below.

## 6.2.1 Tab Information

Tab Information

Name \*

Tab Type \*

Object ▼

Object Type \*

Set as Default Tab \*

☐

Visible

☒

Relativity Applications

Select

- **Name** - the tab's name. This field must be between 1 and 50 characters. Be as concise as possible when naming tabs.
- **Tab Type** - determines the type of tab you want to create:
  - **Object** - creates a tab for a non-document object in your workspace.
  - **Parent** - establishes the tab as a parent tab. Existing tabs can then be set as children of the parent tab, which causes them to display in the Sidebar's fly-out menu or in the Tab strip when the parent tab is currently selected. Selecting this option changes the layout by hiding the Object Type and Set as Default fields.
  - **External** - link to any URL or object type in Relativity.

---

**Note:** Selecting **External** from the **Link Type** menu causes the **Link** field to appear below the **Parent** field. In the **Link** field, you can enter a web address to link to a URL.

---

You can create a link from a tab to an Relativity Dynamic Object (RDO) or a script, using either an Artifact ID or GUID. To create links to other objects, you must use their GUIDs. For information about working with objects that don't have GUIDs, see [Tabs on page 82](#).


Use the following token to link to an object: **ObjectArtifactIdentifier=[identifier]**, where [identifier] is the GUID of the object, or in the case of RDOs and scripts, the GUID or Artifact ID. For example, you would use the format **ObjectArtifactIdentifier=736b1c1f-d22f-43cf-9094-cc8acf94c60** to create a link from a tab to the object with this GUID.

Use the following case insensitive text replacement options to customize the URL, allowing you to display current details about your workspace:

Text Replacement Option	Replacement Text
%AppID%	AppID=<Current Workspace ID>



Text Replacement Option	Replacement Text
%ApplicationPath%	The actual application path
%ArtifactTypeID%	ArtifactTypeID=<Current ArtifactTypeID>
%AssociatedArtifactID%	AssociatedArtifactID=<Current Instance Artifact ID>
%AuthenticationToken%	AuthenticationToken=<New Authentication Token>
%ConnectorfieldArtifactID%	ConnectorFieldArtifactID=<Current Connector Field Artifact ID>
%ParentArtifactID%	ParentArtifactID=<Current Parent ArtifactID>
%SystemID%	SystemID=<Current System ID>
%SelectedSearchArtifactID%	SelectedSearchArtifactID =<Current Search Artifact ID>

- **Object Type** - determines which object's information is displayed in the tab for those specified as **Link Type = Object**.
- **Set as Default Tab** - toggle on to make this tab serve as the workspace's default tab. Reviewers logging in to the workspace are taken to the default tab. If a reviewer does not have access to the default tab, he or she is directed to the Documents tab instead.
- **Visible** - toggle on to display this tab from the Sidebar, Tab strip, and/or Quick nav.
- **Relativity Applications** - add this tab to a Relativity application. Clicking  brings up a list of available applications.

## 6.2.2 Tab Location

Tab Location

Show in Sidebar \* ☐

Parent

Order \*  [View Order](#)

- **Show in Sidebar** - toggle on to add this tab to the Sidebar. Depending on the number of tabs that have already been added to the Sidebar, the Order value assigned to this tab, and your browser's resolution, the tab may be displayed in the More menu if it does not fit into the current Sidebar.
- **Parent** - select a parent tab to assign the current tab as a child tab. The current tab will display in the fly-out menu for the parent tab.
- **Order** - represents the position of the tab by a numerical value. It can be any positive or negative integer. You cannot use decimals in this field. The lowest-numbered tab displays at the top of the

Sidebar. The highest-numbered tab displays at the bottom of the Sidebar or in the More menu. Items that share the same value are sorted in alphanumeric order.


---

**Note:** It's always a good idea to set tab order by 10's, starting with 10, then 20, then 30, etc. By numbering in groups of 10 you can insert an item into any position later in the workspace, without the need to reorder (for example, you can use 10, 20, 25, 30, 40 to insert a new tab between 20 and 30).

---

## 6.3 Nesting children tabs

You may prefer to nest several tabs within a parent to reduce clutter in your Relativity interface and make tabs easier to locate. You must first specify a tab as a parent (step 1) and then specify children tabs (steps 2-4).

1. Create a new tab with a **Tab Type** of **Parent** or edit an existing tab.
2. Click the  icon next to the tab you want to nest.
3. Choose the parent tab name under the **Parent** drop-down menu.
4. Click **Save**.

Repeat for each child tab you wish to nest. Hover your cursor over the parent tab to display the nested child tabs in a fly-out menu.

## 7 Viewer

The Review Interface displays workspace documents. You can use the Viewer type tabs to toggle the loaded formats of documents, such as Native Viewer, Image Viewer, Extracted Text Viewer, or Productions Viewer. Using the Viewer, you can control the form of document that displays in the interface. If a document has not been imaged, you can image documents on-the-fly in the Viewer.

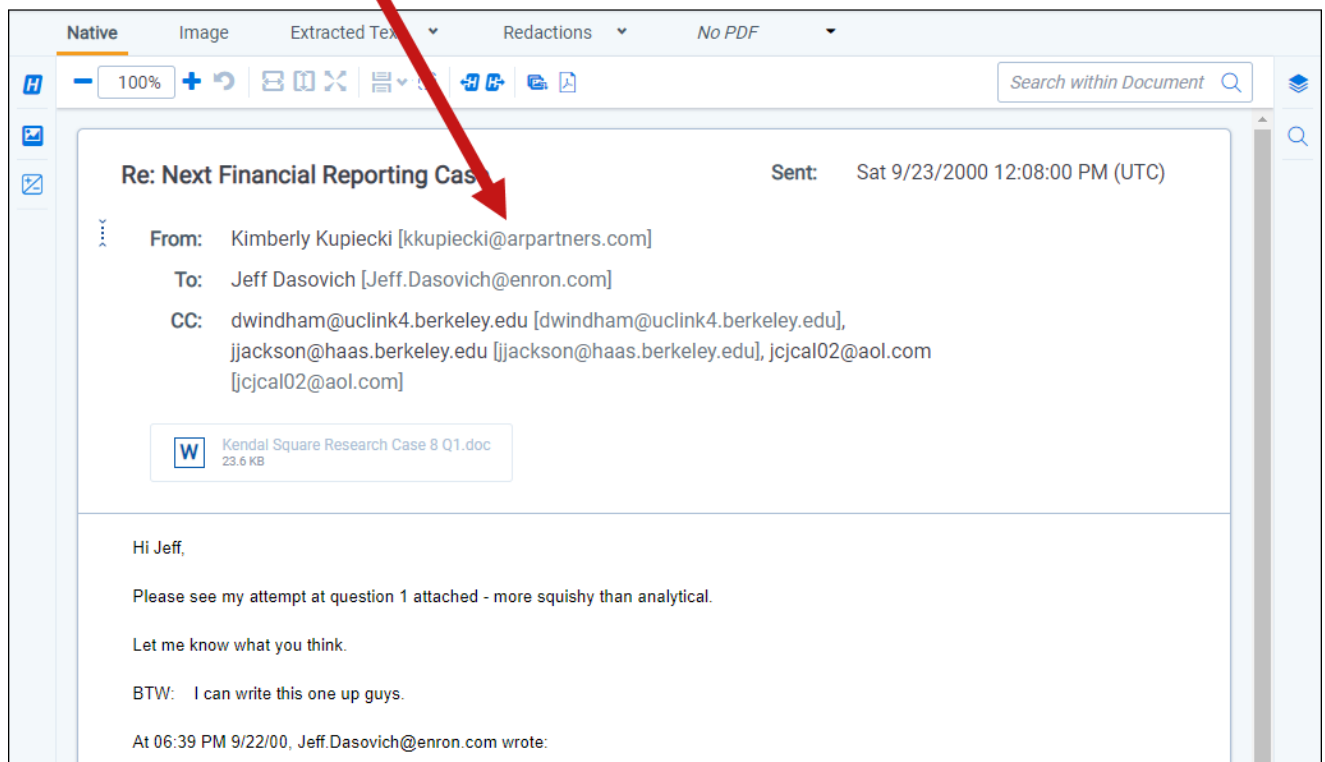
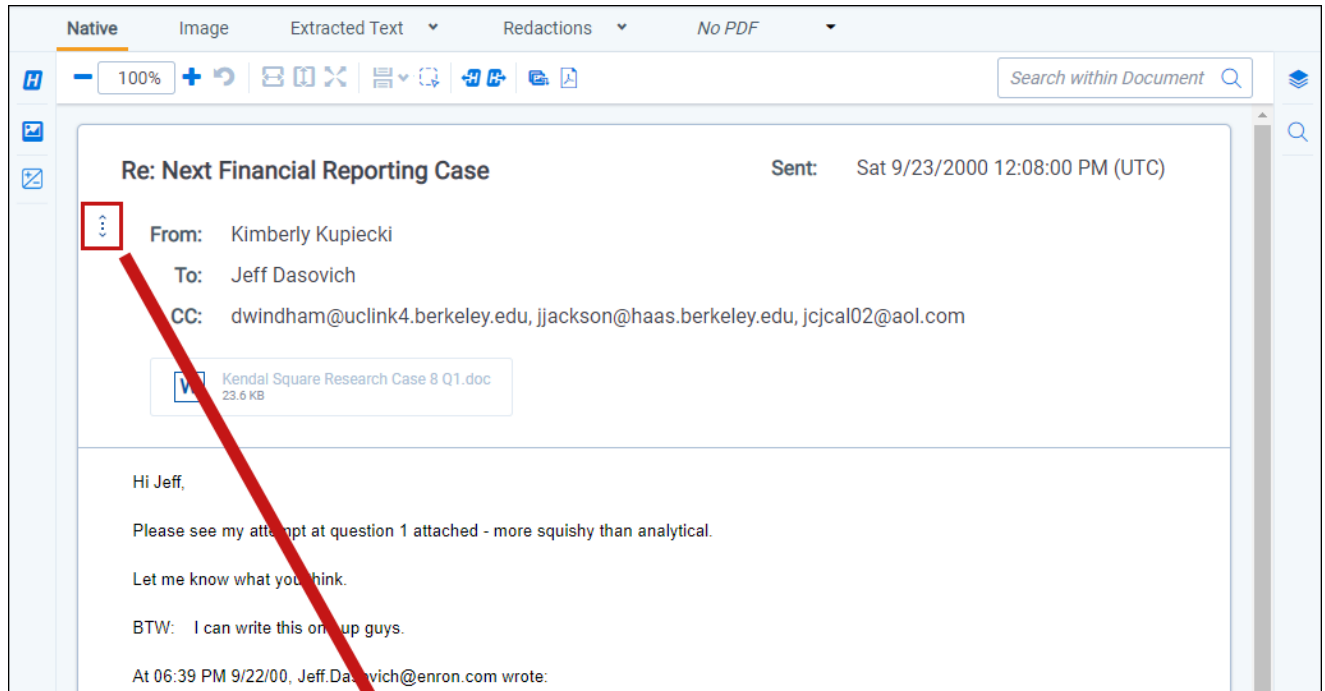
---

**Note:** Using your internet browser to zoom to any size other than 100% while using the Viewer is not supported and can cause unexpected behavior.

---

If you do not see the document in the Viewer, it either has not been loaded to the workspace, its conversion failed, or you do not have permission to see it.

**Note:** In the Native Viewer, you can expand the email header to display full email addresses. If you collapse or expand an email header, the Viewer maintains the expanded or collapsed state as you navigate through documents in the set.



## 7.1 Native Viewer

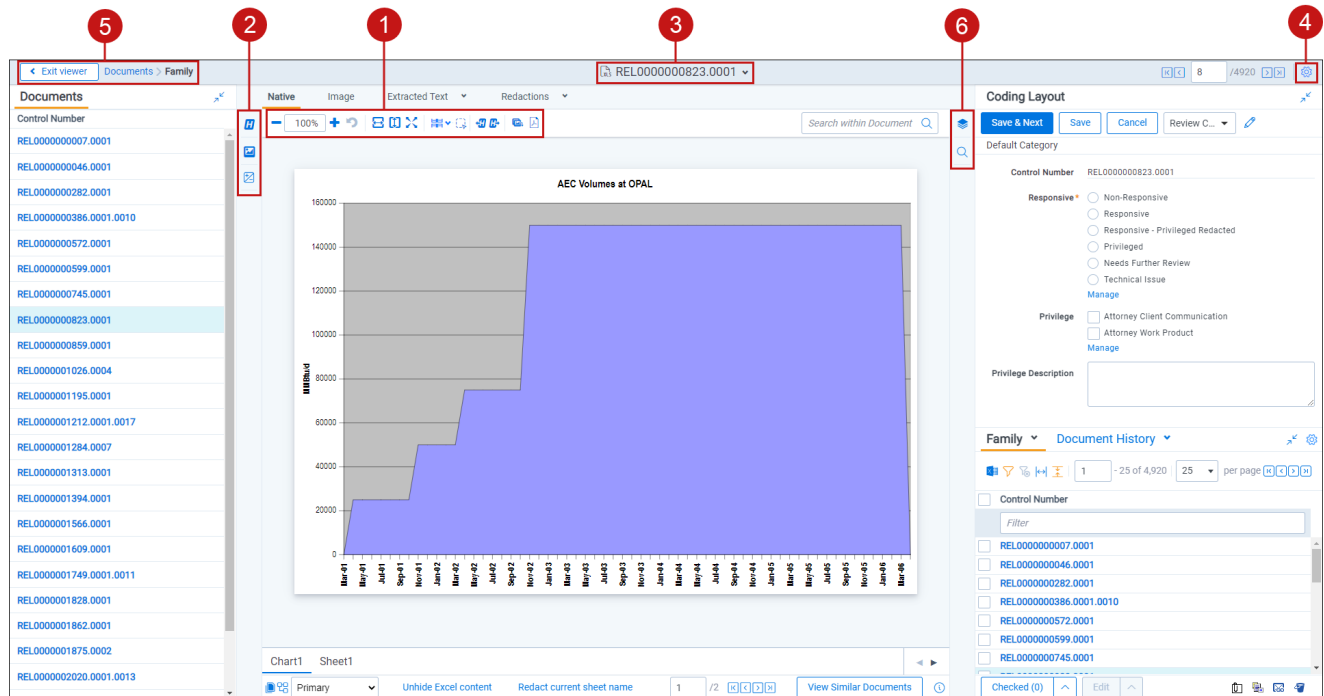
The Native Viewer displays an HTML rendering of the document that is as close to the original version of the document as possible. With the Native Viewer, you can:

- Navigate through a single document and between documents in a document set.
- Conduct text searching.
- Highlight text to copy and paste.
- Zoom, arrange, and save pages that you review in the Native Viewer.
- Print single documents by saving the document as a PDF. To learn more, see [Create PDF](#).

**Note:** The Viewer displays PDF text by mapping the character codes to Unicode in most cases. To check whether PDF text has been properly encoded and will display correctly in the Viewer, copy the text in the original PDF file and paste it into another application like Microsoft Word or Notepad. If the pasted text does not display correctly, the PDF is not properly encoded. If the pasted text displays correctly in another application but not in the Viewer, contact [Support](#) for assistance.

### 7.1.1 Navigating the Native Viewer

The Native Viewer offers several ways of viewing and working with documents. There are options available in the following sections of the Viewer:



1. [Native Viewer toolbar options](#)
2. [Left drawer Viewer options](#)

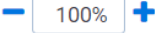








3. [Document actions menu](#)
4. [Viewer settings menu](#)
5. [Viewer breadcrumbs](#)
6. [Right drawer Viewer options](#)






Each of these options and menus is described in more detail in the sections below.

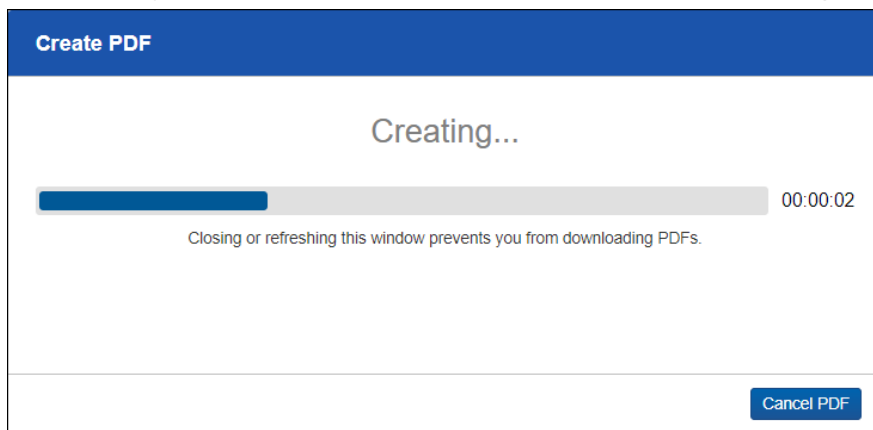
#### 7.1.1.1 Native Viewer toolbar options

The following toolbar options are available in the Native Viewer:



- **Zoom Out/In**  —zooms out and in on the current document in increments of 10% within a range of 10% to 4,000%. If you attempt to zoom out to a percentage lower than 10%, the Viewer automatically sets the display to 10%. If you attempt to zoom in to a percentage higher than 4,000%, the Viewer automatically sets the display to 4,000%. Your zoom setting persists as you navigate through a document set. This means that if you have set one document to 150% and you go to the next document, the next document defaults to 150% zoom. To specify a zoom percentage without using the zoom out/in toolbar buttons, type the number in the percentage field and press the **Enter** key.
- **Reset Zoom**  —resets the zoom to 100%.
- **Fit Width**  —increases the size of the document to fit the maximum width of the Viewer. This setting persists when you re-size the window.
- **Fit Page**  —fits the entire document into the total size of the page. Clicking this zooms out the document and reduces the font size.
- **Fit Actual**  - fits the document display to the actual size it was in its native application. By default, this resets the zoom percentage to 100%.
- **Layout Mode**  —select one of the following options to determine how documents that are more than one page long display in the Viewer.
  - **Single**  —one page of a document will display at a time. Use the page navigation options at the bottom of the Viewer to adjust which page you view.
  - **Single Continuous**  —displays the pages in the document stacked vertically so you can scroll up and down to view them.
  - **Facing Continuous**  —displays the pages in the document in a row horizontally so you can scroll left and right to view them.

- **Draft Mode**  —click to begin Draft Mode which automatically contrasts text from the background, help you identify poorly drawn redactions, and identify corrupt OCR text. This option is only available on the Native Viewer and PDF Viewer with rendered documents.
- **Go To Next/Previous Highlight**  —moves through previous and next highlighted terms in the document.
- **Rotate All Pages**  —rotates all pages in a document clockwise 90 degrees. This option is only available for documents that have been paginated.
- **Redact Markup Visibility**  - this option determines how markups display in the Viewer. It only displays if you have the Redact application installed and open a PDF or spreadsheet document in the Native Viewer.  
Click the Redact Markup Visibility icon to toggle between the following modes:
  - **Solid** - Markups in the document are fully visible and cover text underneath.
  - **Transparent** - Markups in the document are partially visible so that you can still see the text underneath.
  - **Hidden** - Markups in the document are not visible.
- **Create PDF**  —click to save the current native document as a PDF file. When you click this option, the Create PDF pop-up displays. The document then opens in a new window in your browser as a PDF where you can then choose to save or print the document image.






#### 7.1.1.2 Searchable PDF Improvements per Configuration

When you Create PDF from the Native Viewer or using the Mass PDF Operations bar, most types of searchable PDFs will now have significantly smaller file sizes. More specifically, images without highlights, but configured to be searchable and stamped, will benefit from the most dramatic decrease in file size. But overall, the Create PDF feature now generates reduced file saves for a wide range of configurations when creating searchable PDFs. In order to accomplish this for previously unknown file-types and mixed TIFF and JPEG Create PDF jobs, Relativity now treats each page individually, instead of treating the entire document as a whole, allowing for the best file-size-reduction technique possible for each page.

Image Format	Redactions	Highlights	File Size Reduction
TIFF	Yes	No	Up to 76%
TIFF	Yes	Yes	Up to 43%
JPEG	Yes	No	Up to 43%
JPEG	Yes	Yes	Up to 43%

After you click **Create PDF**, a copy of the document converts to a PDF file you can save from your web browser downloads. Relativity assigns a GUID for Create PDF file names.

- 
**Search Bar** —searches for terms in the current document and navigates through the hits.
  - Entering a term and either clicking the left or right arrow button or pressing **Enter** in this text box scrolls to and highlights the text of the next instance of the term, from the placement of the cursor.
  - Searching in this text box is not case sensitive.
  - Searching supports dtSearch and so proximity, fuzziness, and stemming can be used.
  - You can remove a term you previously searched for or all of the terms you have recently searched for from the Persistent Highlight Pane. Removing a term or terms will also remove any highlights they generated in the document. To remove a term or terms, hover your cursor over the row of the term or recent searches you wish to remove and then click on  on the right side of the row.
- 
**Show/Hide Hidden Cells** —displays or hides all hidden cells in a Microsoft Excel spreadsheet. This functionality is only available for Excel files and does not work on imaged documents because Relativity only images unhidden cells.

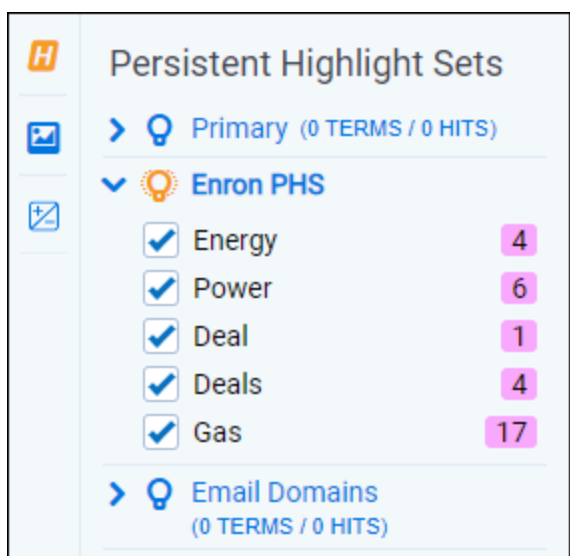
#### 7.1.1.3 Left drawer Viewer options

The following options are available in the left drawer of the review interface:



- Persistent Highlighting**—displays or hides a panel containing all recent searches from the criteria entered in the Search Bar and any persistent highlight sets in the workspace. Only terms in the sets and recent searches that are in the current document will display in the pane. Additionally, you can control which highlights display in the current document by clicking on either the persistent set to only display highlights from that set or you can click on a specific term to only see that term highlighted in the document.





- **Thumbnail**—click to expand the left drawer and display the Thumbnail Viewer. Each page of the document you are reviewing has its own numbered thumbnail in the Thumbnail Viewer.
- **Sentiment**—click to expand or collapse the left drawer and display sentiment analysis highlights in the Viewer.

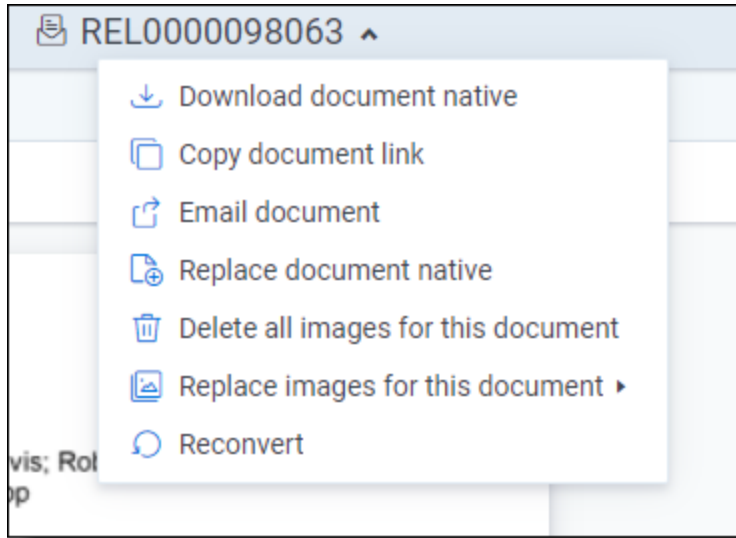
#### 7.1.1.4 Right drawer Viewer options

The following options are available in the right drawer:



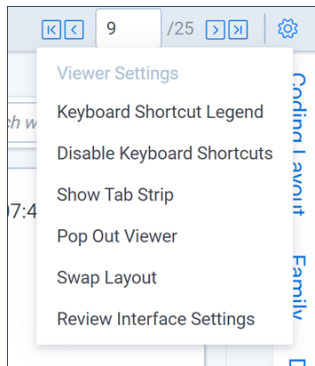
- **Hidden Content**—displays or hides all hidden cells in a Microsoft Excel spreadsheet. This functionality is only available for Excel files and does not work on imaged documents because Relativity only images unhidden cells.
- **Contextual Search**—click to expand the right drawer and display the Contextual Search card. This feature allows you to quickly navigate to matching search terms in a document which is useful in longer documents or ones that have many matching search terms. The Contextual Search card has the same functionality as the Search Bar. To learn more about the Search Bar's functionality, see [Search Bar](#). Additionally, each search term match is displayed in a box that includes both words before and after the search term match to make it easy for you to view the context of each one. Enter a term or terms in the search box and press **Enter** on your keyboard to highlight in yellow any matches in the current document. You can click on a desired search term box in the pane to jump to that place in the document. The active search term box will display with a blue border and the matching search term in the document will be highlighted in blue to make it easy to find.

#### 7.1.1.5 Document actions menu



To learn more about these options, see [Document actions menu](#).

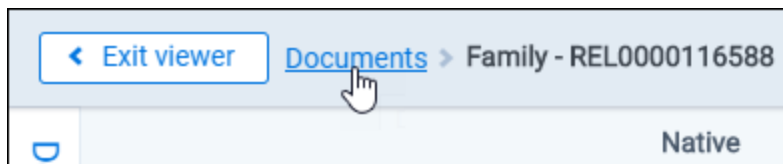
#### 7.1.1.6 Viewer settings menu



To learn more about these options, see [Viewer settings menu](#).

#### 7.1.1.7 Viewer breadcrumbs

The Viewer breadcrumbs help you track your current location while browsing documents in the Related items card. The information on your current location updates as you navigate. If Documents is an active link, you can click it to return to the document you were viewing before browsing documents in the Related items card.



Additionally, to exit the Viewer and return to the page you were previously on, you can click the **Exit viewer** button at any time.

### 7.1.2 Copying text in the Viewer

While viewing a document in the Native Viewer, you have several right-click options, including the **Copy** option. Use this option to copy text from the document you are currently viewing and then paste it into another application.

To do this:

1. Highlight the text you want copied.
2. Right-click, and then select **Copy** from the menu.

You cannot copy text if you:

- Have not highlighted any text.
- Do not have permission to the Local Access option on the Document object. This is the same permission that permits you to open the file in its native application. For more information, see Object list in Relativity Admin guide.

---

**Note:** If you don't have permission to the Local Access option on the Document object, you can't use the Ctrl+C or Ctrl+Ins options in either the Native Viewer or the Extracted Text Viewer.

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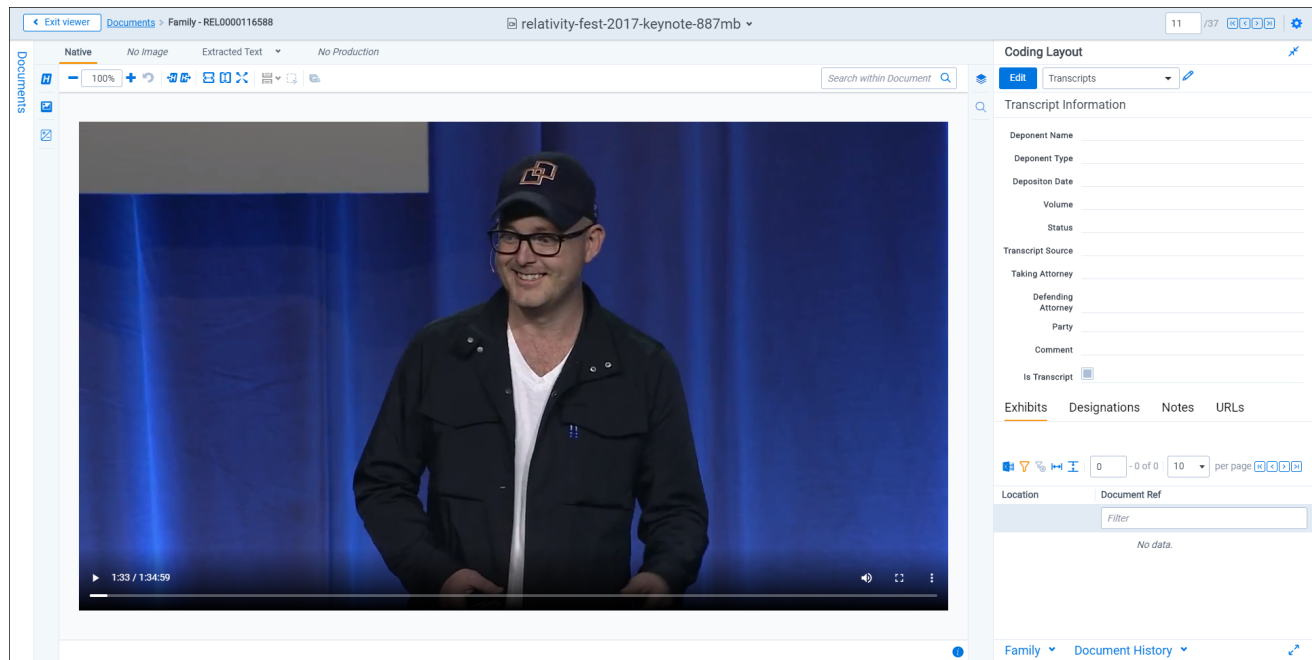
### 7.1.3 Streaming audio and video files

Audio and video files can be streamed in the Native Viewer. Audio and video file type compatibility varies depending on your internet browser.


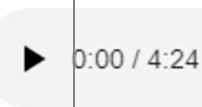





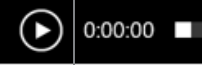
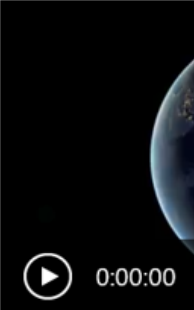
---

**Note:** If an audio or video file has not been opened in the Native Viewer, it may display with a value of **No** for the Supported by Viewer field. Once a file has been successfully opened by the Viewer, the Supported By Viewer field displays **Yes**.

---



The audio and video controls that display in the Viewer depend on your internet browser.

Browser	Audio Controls	Video Controls
		
		
		

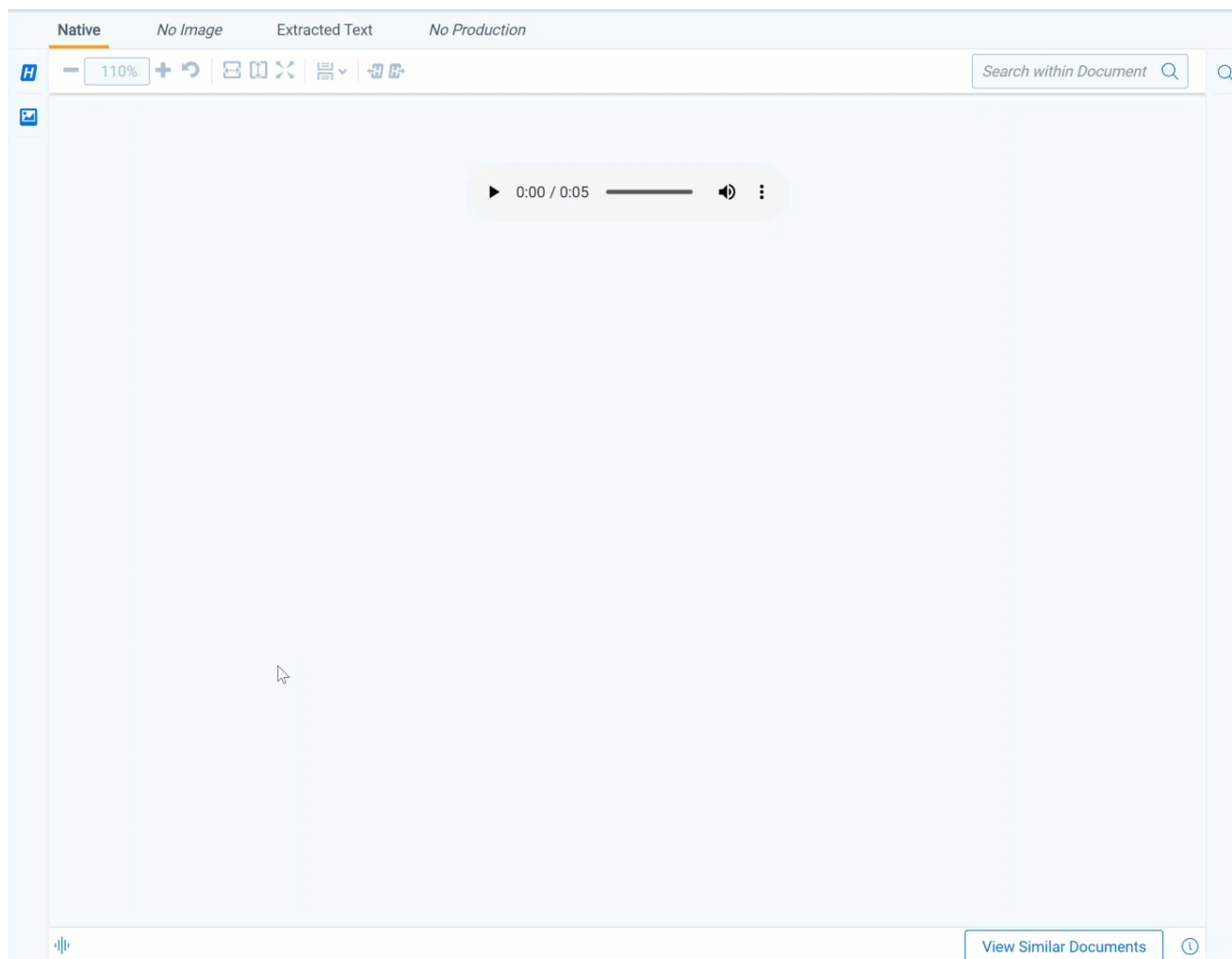
#### 7.1.3.1 Waveform audio

Waveform is a visualization of sound that you can view while listening to an audio file in the Native Viewer. Click the **Show/Hide Waveform** icon to display the Waveform visualization. The visualization tracks the volume and intensity of sound to help you avoid audio inactivity. You can use the audio controls to skip these sections. The visualization also scrolls with a time scale along the bottom to help you identify when a particular audio event occurs.

---

**Note:** Waveform audio is not compatible with the Pop-Out Viewer.

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## 7.1.4 Document Intelligence

Document Intelligence notifies you that there is hidden or annotated content, including a pivot table or a filtered pivot table, present in the current document in the Native Viewer. This hidden content are the annotations and modifications tracked in certain document formats. For more information on the file types, see [Tracking annotations](#). When hidden content is found in a document, a pop-up modal appears in the lower-right corner. Highlighting and bordering is also visible in the Viewer where the changes were made and a annotation bar is available to sort and view each annotation. Once the notifications appear, you can then choose whether or not to view tracked changes, hidden text and comments in the Viewer.

### 7.1.4.1 Tracking annotations

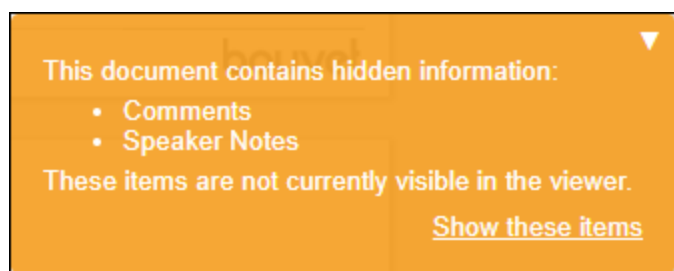
The various file types each have distinct annotations that are tracked. Below is each file type that is supported and the related tracked changes:

File type	File extensions	Annotation type	Tracked changes
Excel	.xls, .xlsx, .xlsb	Tracked Changes, formulas, hidden pages/columns/rows, Comments	Inserted cell, moved cell, modified cell, cleared cell Inserted column, deleted

File type	File extensions	Annotation type	Tracked changes
			column Inserted row, deleted row Inserted sheet, renamed sheet
Word	.doc, .docx	Tracked Changes, comments, hidden text	Insertions, deletions, moves
PowerPoint	.ppt, .pptx	Speaker notes, comments, hidden slides	
PDF	.pdf	Comments	

#### 7.1.4.2 Using notifications and the annotation bar

When using Document Intelligence, an orange pop-up modal appears in the bottom right corner of the Viewer when hidden content exists. Click on the pop-up modal to see the hidden content on that document. If there is no hidden content found, the modal will say so. If there is hidden content found, it lists each piece of content. Click **Show these items** to open the annotation bar.



A hidden content icon is available when a supported file type is in the Native Viewer. Click the **Hidden Content** icon to open or close the annotations bar. If you are viewing an unsupported file type, the icon is not available. For supported file types, see the [Tracking annotations](#).

#### Annotation bar

The annotation bar is for sorting and viewing the hidden content found with Document Intelligence. Each annotation has a card that lists the tracked change, a description of the change, time and date, and author of the change.

If there are multiple annotation cards in the annotation bar, then you can sort them in multiple ways. Click the **Sort By** drop down menu for these options:

- Location
- Author A-Z
- Author Z-A
- Oldest first
- Newest first
- Annotation type

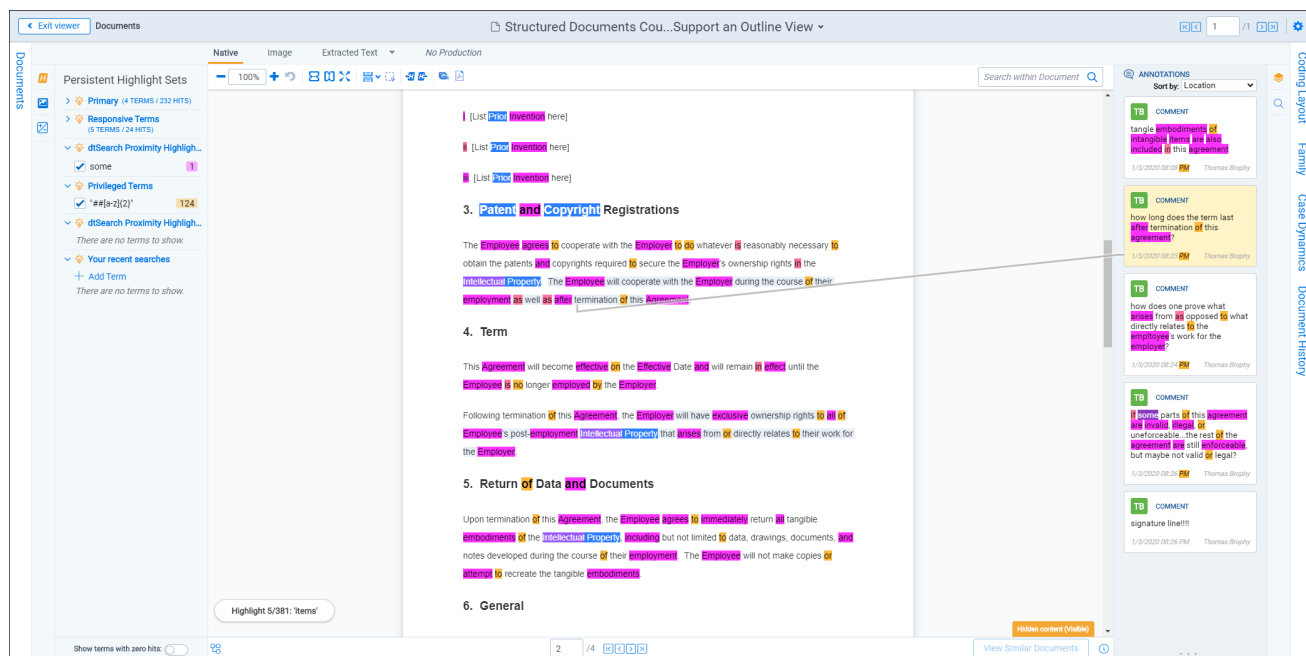
### Annotation types and highlights

Each type of annotation comes with its distinct highlight in the Native Viewer. Below is a table that lists each annotation type with its highlight in the Viewer:

File type	Modification	Annotation
Excel	Inserted cell	Green dotted border around cell.
Excel	Deleted cell	Red dotted border around cell.
Excel	Modified cell	Purple dotted border around cell.
Excel	Moved cell	Red dotted border around original location; green dotted border around new location.
Excel	Inserted row	Green shading in the row header.
Excel	Deleted row	Red shading with "DEL" in the row header. If the row is added then deleted, the shading is purple.
Excel	Inserted column	Green shading in column header.
Excel	Deleted column	Red shading with "DEL" in the column header. If the row is added then deleted, the shading is purple.
Excel	Inserted sheet	Green shading in the sheet tab.
Excel	Hidden sheet	Grey text in the sheet tab.
Excel	Modified sheet	Purple shading on the sheet tab.
Word	Comments	Blue background on text and note bubble in document.
Word	Insertions	Green shading behind text.
Word	Deletions	Red shading behind text.
Word	Moves	Purple shading behind text.
Word	Hidden text	Red shading behind text.
PowerPoint	Speaker notes	Page under sheet.
PowerPoint	Comments	Note bubble in presentation.
PowerPoint	Hidden slide	Hidden icon in bottom left corner of slide.
PDF	Comments	Note bubble in document.

### Leader lines

Clicking on an annotation in the Viewer connects the selected annotation to the related annotation tile in the annotation bar. Click on another annotation to view the leader line to that annotation card. One grey connector line is available at a time, unless you moved a cell. In this case, there is a leader line where the cell was originally located and a leader line in the cell's new location. Click the same annotation to remove the leader line.



**Note:** The Has Hidden Data field is populated during Processing. The hidden content that the Viewer finds may not be perfectly in-sync with the hidden data that the Processing engine finds.

## 7.2 Image Viewer

When you switch to the Image Viewer, a .tiff or .jpeg version of the document displays. You can highlight and redact images in this mode. The Image Viewer is only available if you have loaded an imaged version of the document in the Viewer or if you have manually imaged the file using the Image on the fly option in the Document actions menu. For more information, see [Imaging on the fly](#).

The redactions that are burned into a produced image are the redactions that were on the image at the time that you produced it. If you add or remove redactions from an image after you have produced it, then the image and the produced version of that image will be out of sync.

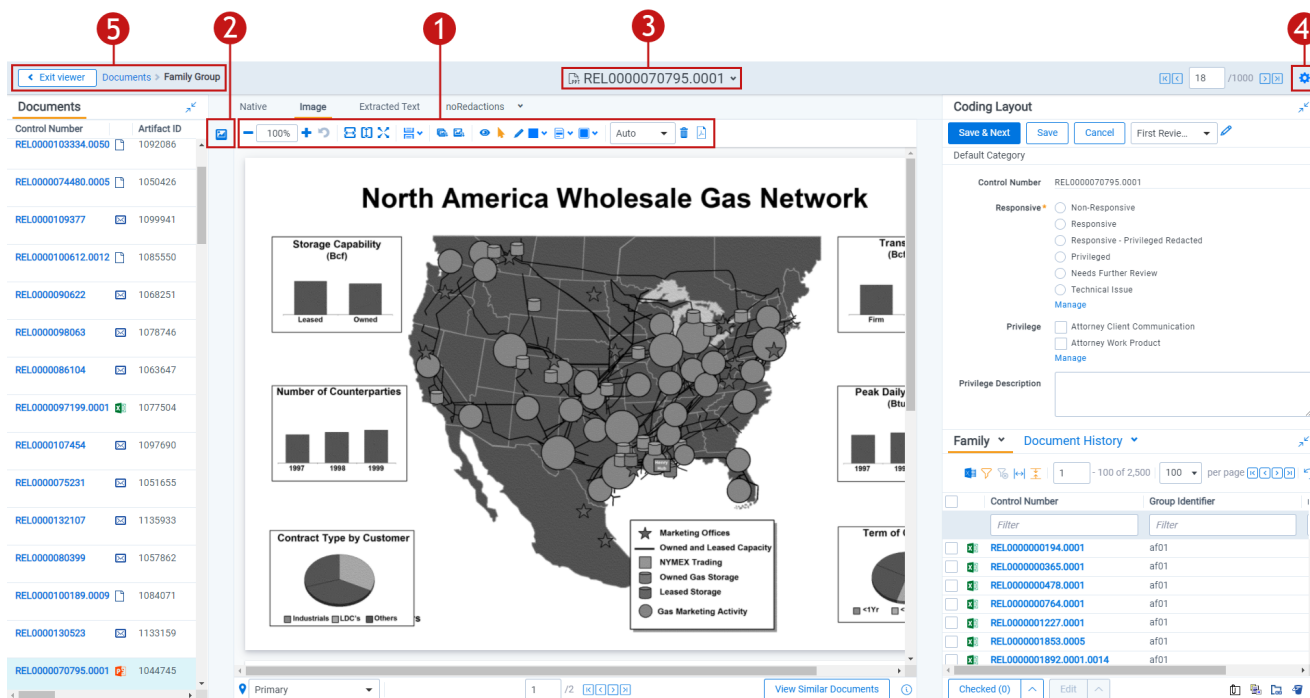
### 7.2.1 Navigating the Image Viewer

The Image Viewer offers several ways of viewing and working with documents.

**Note:** If you used the Basic Imaging profile to produce images of a PDF file, please note that the Viewer displays PDF text by mapping the character codes to Unicode in most cases. To check whether PDF text has been properly encoded and will display correctly in the Viewer, copy the text in the original PDF file and paste it into another application like Microsoft Word or Notepad. If the pasted text does not display correctly, the PDF is not properly encoded. If the pasted text displays correctly in another application but not in the Viewer, contact [Support](#) for assistance.

There are options available in the following sections of the Viewer:





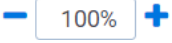

1. [Image Viewer toolbar options](#)
2. [Left drawer Viewer options](#)
3. [Document actions menu](#)
4. [Viewer settings menu](#)
5. [Viewer breadcrumbs](#)










Each of these options and menus is described in more detail in the sections below.

### 7.2.1.1 Image Viewer toolbar options

The Image Viewer displays the following icons in the toolbar:






- 
**Zoom Out/In** —zooms out and in on the current document in increments of 10% within a range of 10% to 4,000%. If you attempt to zoom out to a percentage lower than 10%, the Viewer automatically sets the display to 10%. If you attempt to zoom in to a percentage higher than 4,000%, the Viewer automatically sets the display to 4,000%. Your zoom setting persists as you navigate through a document set. This means that if you have set one document to 150% and you go to the next document, the next document defaults to 150% zoom.  
To specify a zoom percentage without using the zoom out/in toolbar buttons, type the number in the percentage field and press the **Enter** key.
- 
**Reset Zoom** —resets the zoom to 100%.










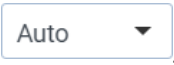


- **Fit Width** —increases the size of the document to fit the maximum width of the Viewer. This setting persists when you re-size the window.
- **Fit Page** —fits the entire document into the total size of the page. Clicking this zooms out the document and reduces the font size.
- **Fit Actual** —fits the document display to the actual size it was in its native application. By default, this resets the zoom percentage to 100%.
- **Layout Mode** —select one of the following options to determine how documents that are more than one page long display in the Viewer.
  - **Single** —one page of a document will display at a time. Use the page navigation options at the bottom of the Viewer to adjust which page you view.
  - **Single Continuous** —displays the pages in the document stacked vertically so you can scroll up and down to view them.
  - **Facing Continuous** —displays the pages in the document in a row horizontally so you can scroll left and right to view them.
- **Rotate all pages** —rotates all pages in a document clockwise 90 degrees.
- **Rotate current page** —rotates only the current page clockwise 90 degrees.

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**Note:** Image rotation is persistent. Any pages that you rotate will be rotated the next time you return to them in the Viewer and for other users who view them after you rotate them. Rotation is also applied when you run the production containing the images.

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- **Selector** —select within a document.
- **Markup Visibility** —changes the visibility mode of the markups between full visibility, transparent and hidden. By default, this is set to Solid, which means all highlights and redactions appear as solid as you applied them.
- **Highlight - <Color>** —highlights the selected text with the color you specify from the drop-down menu. The default color is blue. Select from the following:
  - Blue
  - Green
  - Orange
  - Pink
  - Purple
  - Yellow

- **Redaction Mode - Basic Redact**  —enables the basic redaction tool. For more information, see [Creating inverse redactions on page 30](#).
- **Redaction Mode - Full page**  —enables the full-page redaction tool. The drop-down menu for this redaction type offers the same options as the basic Redact icon, except that the redaction you choose is applied to the entire page. For example, if you select White, the entire page becomes white. For more information, see [Creating full-page redactions on page 31](#).
- **Redaction Mode - Inverse**  —enables the inverse redaction tool. For more information, see [Creating inverse redactions on page 30](#).
- **Redaction Mode - Mass Redact**  —apply a full-page redaction across all images or a range of images in the document. For more information, see [Creating mass redactions on page 31](#).
- **Redaction Type - <Style>**  —enables single redaction tool. For more information on redacting, see [Creating basic redactions on page 29](#). Select from the following types of redactions:
  - **Black**  —applies a solid black box to the selected text.
  - **Cross**  —applies a white box with an X in the middle of it over the selected text.
  - **Text**  —applies a box over the selected text, in which you can add text such as "Privileged" or "Redacted."
  - **White**  —applies a solid white box over the selected text.
- **Font Size**  —change the font size of the text within a text box redaction.
- **Delete Highlights**  —mass delete markups from any or all images in the document. For more information, see [Mass deleting markups on page 36](#).
- **Create PDF**  —gives you the option of saving the image as a PDF. For more information, see [Saving an image as a PDF](#).

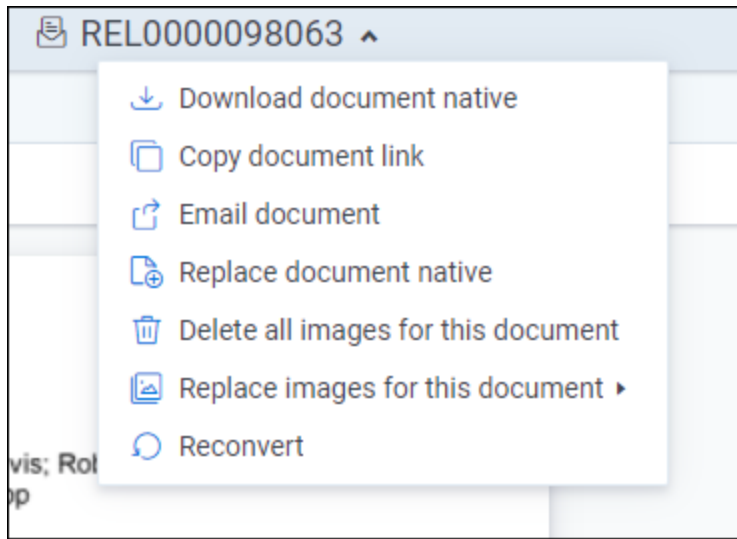
#### 7.2.1.2 Left drawer Image Viewer options

The following options are available in the left drawer:



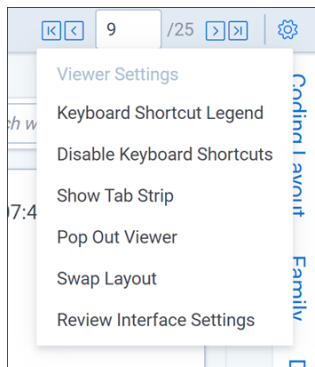
- **Thumbnail**—click to expand the left drawer and display the Thumbnail Viewer. Each page of the document you are reviewing has its own numbered thumbnail in the Thumbnail Viewer. To learn more, visit [Thumbnail Viewer](#).

#### 7.2.1.3 Document actions menu



To learn more about these options, see [Document actions menu](#).

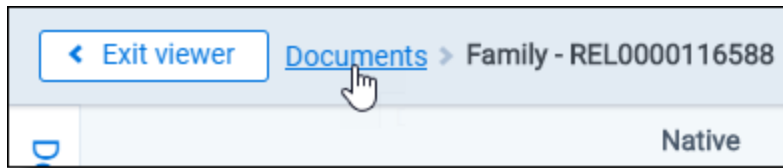
#### 7.2.1.4 Viewer settings menu



To learn more about these options, see [Viewer settings menu](#).


#### 7.2.1.5 Viewer breadcrumbs

The Viewer breadcrumbs help you track your current location while browsing documents in the Related items card. The information on your current location updates as you navigate. If Documents is an active link, you can click it to return to the document you were viewing before browsing documents in the Related items card.



Additionally, to exit the Viewer and return to the page you were previously on, you can click the **Exit viewer** button at any time.

## 7.2.2 Saving an image as a PDF

Clicking the  icon brings up the following window, in which you can specify your PDF settings:

- **PDF Profile**—select the desired PDF profile to determine how the PDF will be customized.
- **Page Range**—select from the following standard print range options:
  - **All pages**—saves all pages in the document.
  - **Current Page**—saves only the page you are currently on.
  - **Pages**—saves a range of pages that you specify in the text box to the right.

## 7.3 Extracted Text Viewer

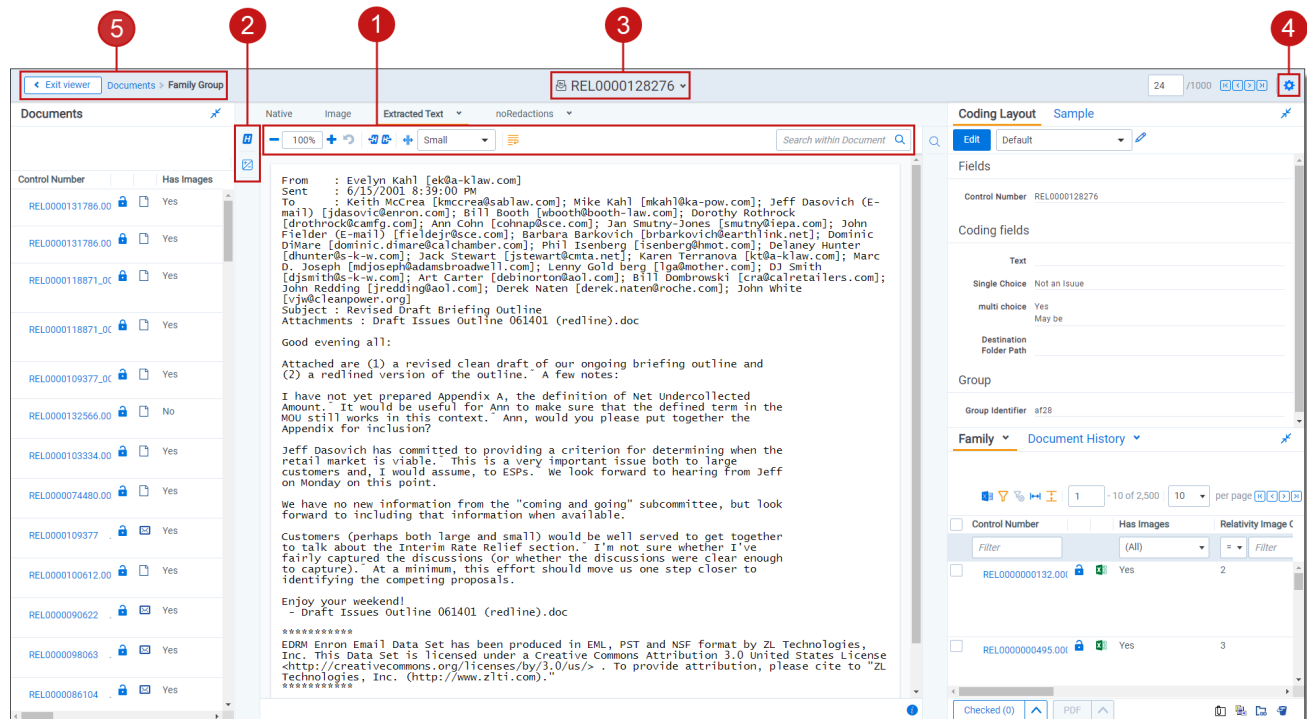
When you switch to Extracted Text Viewer in the Viewer type tabs, you can access a drop-down menu on the right side of the Extracted Text tab where all extracted text and all long text fields on the field edit/creation page are available. Creating fields in the Admin guide. The drop-down menu lists long-text fields that contain text for the current document open in the Viewer and those you have permissions to.

**Notes:** Relativity displays all long text fields made available in the Viewer in the drop-down menu, regardless of whether that field contains text for the current document. If you select a long text field from the drop-down list, and the current document does not have text for that field, the Viewer displays a message stating, "This page is empty".

The Viewer displays PDF text by mapping the character codes to Unicode in most cases. To check whether PDF text has been properly encoded and will display correctly in the Viewer, copy the text in the original PDF file and paste it into another application like Microsoft Word or Notepad. If the pasted text does not display correctly, the PDF is not properly encoded. If the pasted text displays correctly in another application but not in the Viewer, contact [Support](#) for assistance.

### 7.3.0.1 Navigating the Extracted Text Viewer

The Extracted Viewer offers several ways of viewing and working with documents. There are options available in the following sections of the Viewer:



1. [Extracted Text Viewer toolbar options](#)
2. [Left drawer Viewer options](#)
3. [Document actions menu](#)
4. [Viewer settings menu](#)
5. [Viewer breadcrumbs](#)

Each of these options and menus is described in more detail in the sections below.

### 7.3.0.2 Extracted Text Viewer toolbar options

The Extracted Text Viewer provides the following options:



- **Zoom Out/In** —zooms out and in on the current document in increments of 10% within a range of 10% to 4,000%. If you attempt to zoom out to a percentage lower than 10%, the Viewer automatically sets the display to 10%. If you attempt to zoom in to a percentage higher than 4,000%, the Viewer automatically sets the display to 4,000%. Your zoom setting persists as you navigate through a document set. This means that if you have set one document to 150% and you go to the next document, the next document defaults to 150% zoom.  
To specify a zoom percentage without using the zoom out/in toolbar buttons, type the number in the percentage field and press the **Enter** key.
- **Reset Zoom** —resets the zoom to 100%.
- **Go To Next/Previous Highlight** —moves through previous and next highlighted terms in the document.
- **Tab character size** —select an option from the drop-down menu to determine the amount of space that is taken when the Tab key was used in the current document. This option can help you ensure that the spacing in a spreadsheet document is aligned and works best when the Tab key is used after each column in the spreadsheet.
- **Toggle WordWrap** —determines whether the text in the current document will wrap so that it fits on the current page or not.
  - **Enabled**—text in the current document will be forced onto the next line if it cannot display in the current window size. You cannot scroll horizontally with Toggle WordWrap enabled.
  - **Disabled**—text in the current document will not be forced onto the next line will display in more horizontal fashion. You can scroll horizontally to control to view the desired text.
- **Search Bar** —searches for terms in the current document and navigates through the hits.
  - Entering a term and either clicking the left or right arrow button or pressing **Enter** in this text box scrolls to and highlights the text of the next instance of the term, from the placement of the cursor.
  - Searching in this text box is not case sensitive.
  - Searching supports dtSearch and so proximity, fuzziness, and stemming can be used.

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**Note:** If you don't have permission to the Local Access option on the Document object, you can't use the Ctrl+C or Ctrl+Ins options in either the Native Viewer or the Extracted Text Viewer.

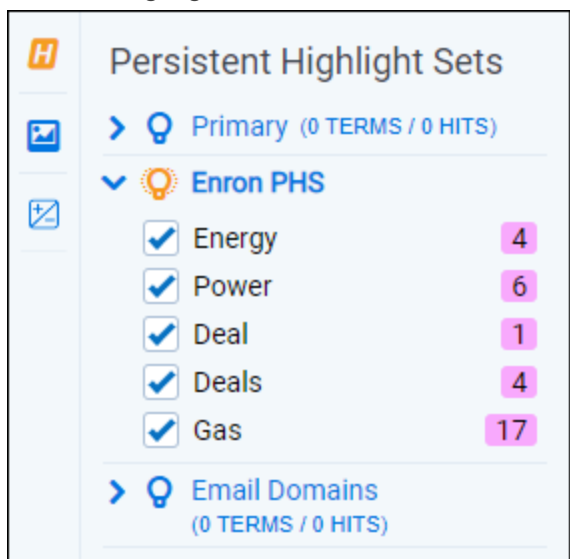
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### 7.3.0.3 Left drawer Viewer options

The following options are available in the left drawer:



- **Persistent Highlighting**—displays or hides a panel containing all Recent Searches from the criteria entered in the Search Bar and any persistent highlight sets in the workspace. Only terms in the sets and recent searches that are in the current document will display in the panel. Additionally, you can control which highlights display in the current document by clicking on either the persistent set to only display highlights from that set or you can click on a specific term to only see that term highlighted in the document.



- **Sentiment**—click to expand or collapse the left drawer and display sentiment analysis highlights in the Viewer.

#### 7.3.0.4 Right drawer Viewer options

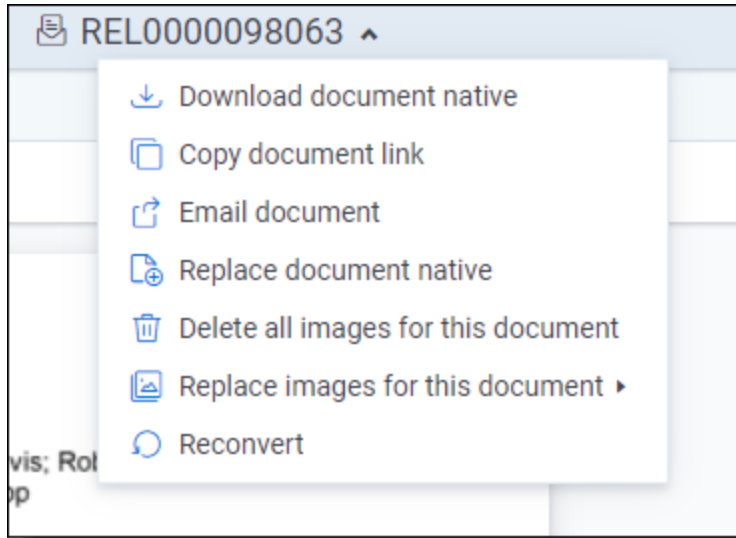
The following option is available in the right drawer:



- **Contextual Search**—click to expand the right drawer and display the Contextual Search card. This feature allows you to quickly navigate to matching search terms in a document which is useful in longer documents or ones that have many matching search terms. The Contextual Search card has the same functionality as the Search Bar. To learn more about the Search Bar's functionality, see [Search Bar](#). Additionally, each search term match is displayed in a box that includes both words before and after the search term match to make it easy for you to view the context of each one. Enter a term or terms in the search box and press **Enter** on your keyboard to highlight in yellow any matches in the current document. You can click on a desired search term box in the pane to jump to that place in the document. The active search term box will display with a blue border and the matching search term in the document will be highlighted in blue to make it easy to find.

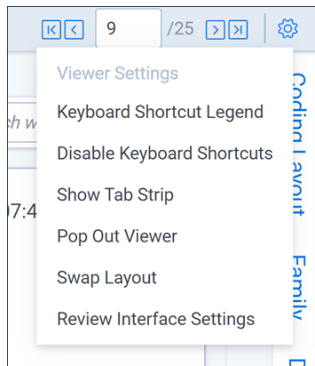


### 7.3.0.5 Document actions menu



To learn more about these options, see [Document actions menu](#).

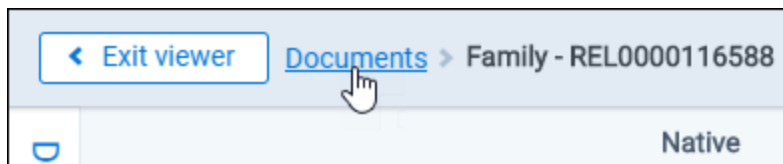
### 7.3.0.6 Viewer settings menu



To learn more about these options, see [Viewer settings menu](#).

### 7.3.0.7 Viewer breadcrumbs

The Viewer breadcrumbs help you track your current location while browsing documents in the Related items card. The information on your current location updates as you navigate. If Documents is an active link, you can click it to return to the document you were viewing before browsing documents in the Related items card.



Additionally, to exit the Viewer and return to the page you were previously on, you can click the **Exit viewer** button at any time.

## 7.4 Productions Viewer

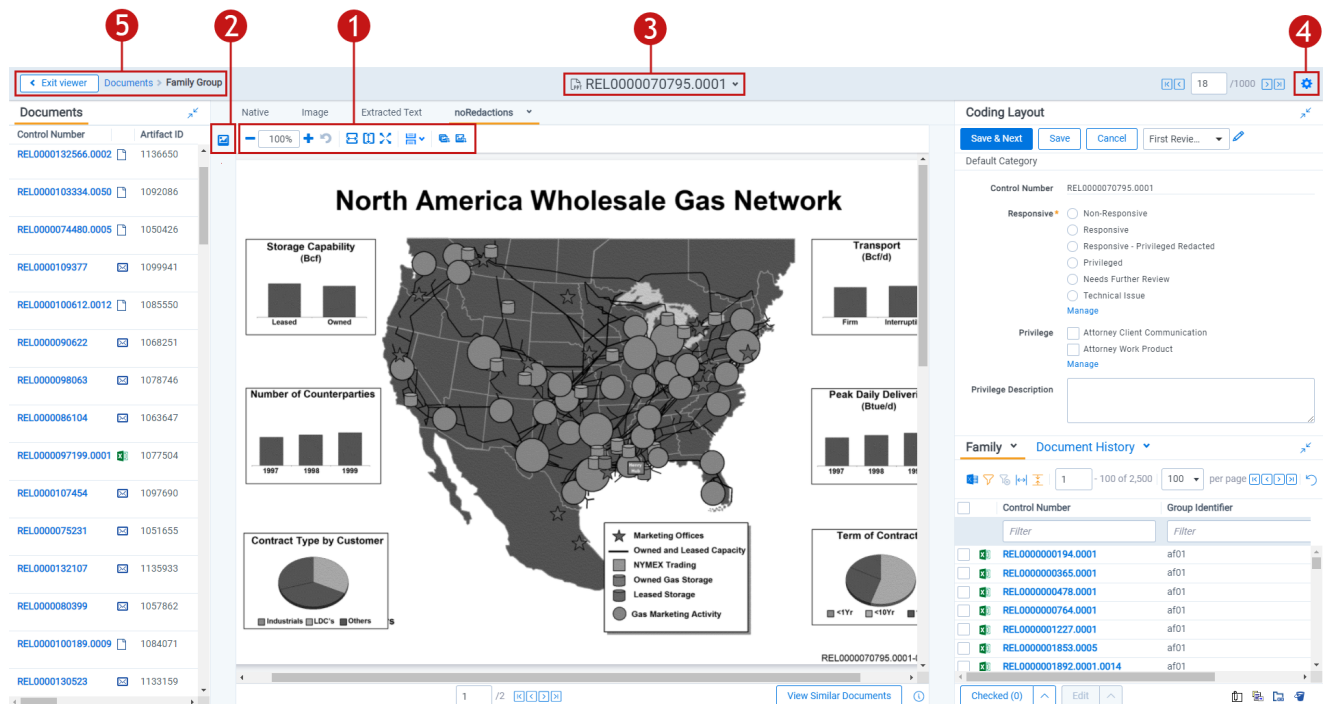
When you switch to the Productions Viewer in the Viewer type tabs, you can access a drop-down menu on the right side of the Productions Viewer tab that displays available production sets that contain the current document. For information about creating production sets, see Production sets in the Admin guide.

**Note:** The redactions that are burned into a produced image are the redactions that were on the image at the time that you produced it. If you add or remove redactions from an image after you've produced it, then the image and the produced version of that image will be out of sync.

Select a production set from the drop-down menu to see how a document was produced in the selected production. If a document is not included in a production, the productions mode option is unavailable.

### 7.4.1 Navigating the Productions Viewer

The Productions Viewer offers several ways of viewing and working with documents. There are options available in the following sections of the Viewer:




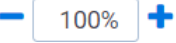









1. [Productions Viewer toolbar options](#)
2. [Left drawer Viewer options](#)
3. [Document actions menu](#)
4. [Viewer settings menu](#)
5. [Viewer breadcrumbs](#)


Each of these options and menus is described in more detail in the sections below.

#### 7.4.1.1 Productions Viewer toolbar options

Productions Viewer provides the following options:



- **Create PDF**  —gives you the option of saving the image as a PDF. For more information, see [Saving an image as a PDF](#).
- **Zoom Out/In**  —zooms out and in on the current document in increments of 10% within a range of 10% to 4,000%. If you attempt to zoom out to a percentage lower than 10%, the Viewer automatically sets the display to 10%. If you attempt to zoom in to a percentage higher than 4,000%, the Viewer automatically sets the display to 4,000%. Your zoom setting persists as you navigate through a document set. This means that if you have set one document to 150% and you go to the next document, the next document defaults to 150% zoom.  
To specify a zoom percentage without using the zoom out/in toolbar buttons, type the number in the percentage field and press the **Enter** key.
- **Reset Zoom**  —resets the zoom to 100%.
- **Fit Width**  —increases the size of the document to fit the maximum width of the Viewer. This setting persists when you re-size the window.
- **Fit Page**  —fits the entire document into the total size of the page. Clicking this zooms out the document and reduces the font size.
- **Fit Actual**  —fits the document display to the actual size it was in its native application. By default, this resets the zoom percentage to 100%.
- **Layout Mode**  —select one of the following options to determine how documents that are more than one page long display in the Viewer.
  - **Single**  —one page of a document will display at a time. Use the page navigation options at the bottom of the Viewer to adjust which page you view.
  - **Single Continuous**  —displays the pages in the document stacked vertically so you can scroll up and down to view them.
  - **Facing Continuous**  —displays the pages in the document in a row horizontally so you can scroll left and right to view them.
- **Rotate all pages**  —rotates all pages in a document clockwise 90 degrees.

- **Rotate current page** —rotates only the current page clockwise 90 degrees.

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**Note:** Image rotation is persistent. Any pages that you rotate will be rotated the next time you return to them in the Viewer and for other users who view them after you rotate them. Rotation is also applied when you run the production containing the images.

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#### 7.4.1.2 Left drawer Productions Viewer options

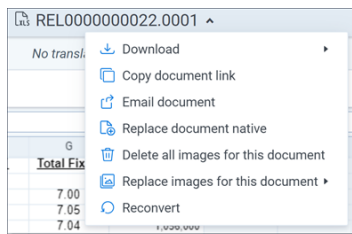
The following options are available in the left drawer:



- **Thumbnail**—click to expand the left drawer and display the Thumbnail Viewer. Each page of the document you are reviewing has its own numbered thumbnail in the Thumbnail Viewer. To learn more, visit [Thumbnail Viewer](#).

#### 7.4.1.3 Document actions menu

The following options are available in the Document actions menu for the Productions Viewer:



- **Download**—hover your cursor over this option and select one of the following:
  - **Active production**—select to download a copy of the produced document. A user must be granted the Documents - Local Access (Download, Copy Text) permission to use this option.
 

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**Note:** This option is not currently available to RelativityOne Government users because it is part of the facade redactions update.

---
  - **Document native**—select to download a copy of the current document. A user must be granted the Documents - Local Access (Download, Copy Text) permission to use this option. If you cannot download a copy of the document, this option is grayed out. Hover your cursor over this option to view a tooltip that contains an explanation why this option is disabled. A system or case administrator can determine which native file types users can and cannot download by doing the following:
    - Navigate to the **Native Types** tab.
    - Click the **Edit** icon in the row of the desired file type.

- On the **Prevent Native Download** field, select **Yes** to prevent users from downloading it or **No** to allow users to download it.

Native Type Information	
<b>Name</b>	Mac Word 5.x
<b>Category (Basic)</b>	Word Processor
<b>Category (Native)</b>	
<b>Imaging Method</b>	Basic
<b>Restricted From Imaging By*</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Default</b>	
<b>Prevent Native Download*</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No

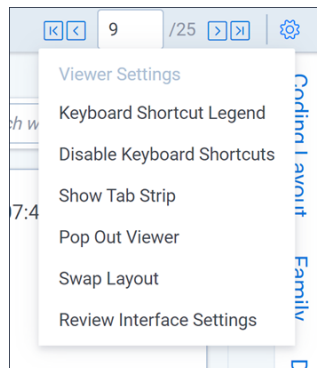
- **Copy document link**—select to copy the URL to the current document to your clipboard.
  - **Email document**—select to open an email in your default email application with the URL to the current document included in the body of the email. The subject of the email will include the name of the workspace and the current document.
  - **Replace document native**—select to replace the native file of the current document with a new file.
  - **Image on the fly/Delete all images for this document**—Image on the fly will display if the current document has not been imaged. If the current document has been imaged, delete all images for this document will display instead.
    - **Delete all images for this document**—select to delete all images associated with the current document.
    - **Image on the fly**—to image the current document from the Viewer, hover your cursor over this option and the Image Profile options will display. Select the desired profile option to begin the imaging process.
- A system or case administrator can determine which native file types can or cannot be imaged using Image on the fly by doing the following:
- Navigate to the **Native Types** tab.
  - Click the **Edit** icon in the row of the desired file type.
  - On the **Restricted From Imaging By Default** field, select **Yes** to prevent users from using this option to image the native type or **No** to allow users to image the native file

type.

Native Type Information	
Name	Mac Word 5.x
Category (Basic)	Word Processor
Category (Native)	
Imaging Method	Basic
Restricted From Imaging By*	<input type="radio"/> Yes
Default	<input checked="" type="radio"/> No
Prevent Native Download*	<input type="radio"/> Yes
	<input checked="" type="radio"/> No

- **Replace images for this document**—to replace the images for the current document using an imaging profile, hover your cursor over this option and select the desired Imaging Profile option to begin the imaging process.
- **Reconvert**—select to clear your internet browser's cache and reload the current document for review.

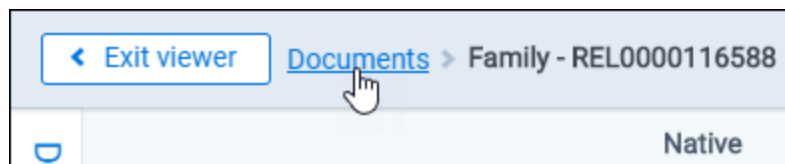
#### 7.4.1.4 Viewer settings menu



To learn more about these options, see [Viewer settings menu](#).

#### 7.4.1.5 Viewer breadcrumbs

The Viewer breadcrumbs help you track your current location while browsing documents in the Related items card. The information on your current location updates as you navigate. If Documents is an active link, you can click it to return to the document you were viewing before browsing documents in the Related items card.



Additionally, to exit the Viewer and return to the page you were previously on, you can click the **Exit viewer** button at any time.

### 7.4.2 Imaging on the fly

You can image a single document in the Viewer by selecting the Image on the fly option from the Document actions menu at the top-center of the page.

Using this feature, you can select any imaging profile you have permissions to view and use it to image the document.

---

**Note:** If the source file of the document you are imaging is changed during the conversion process, for example through overlay, that document becomes undeliverable and you receive an error. To resolve this error, refresh the page or re-image the document.

---

After imaging a document on the fly, you can access thumbnail renderings of the imaged pages of the document.

Imaging some file formats can cause problems. Consider the following:

- Many PDFs render and image very well. However, you may have problems rendering and imaging some PDFs due to the variety of their content.
- While most Microsoft Office documents render and image well, you may experience issues when imaging documents with embedded files.
- You may have problems rendering and imaging vector-based documents like Visio and CAD.

## 7.5 PDF Viewer

The PDF Viewer allows you to view PDF files in the Review Interface.

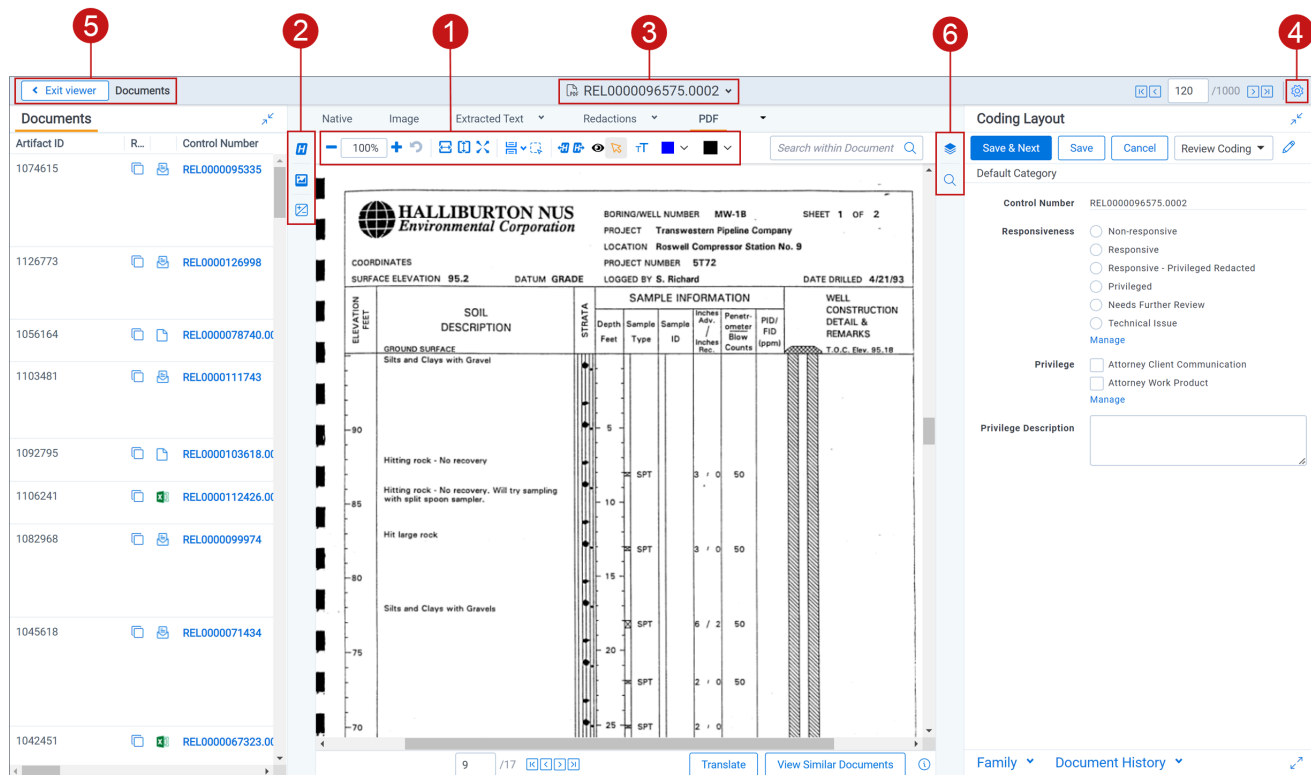
---

**Notes:** You may experience slowness if you try to open PDF documents that are larger than 300 megabytes.

The Viewer displays PDF text by mapping the character codes to Unicode in most cases. To check whether PDF text has been properly encoded and will display correctly in the Viewer, copy the text in the original PDF file and paste it into another application like Microsoft Word or Notepad. If the pasted text does not display correctly, the PDF is not properly encoded. If the pasted text displays correctly in another application but not in the Viewer, contact [Support](#) for assistance.

---

There are options available in the following sections of the Viewer:



1. [PDF Viewer toolbar options](#)
2. [Left drawer Viewer options](#)
3. [Document actions menu](#)
4. [Viewer settings menu](#)
5. [Viewer breadcrumbs](#)
6. [Right drawer Viewer options](#)

Each of these options and menus is described in more detail in the sections below.












#### 7.5.0.1 PDF Viewer toolbar options

The PDF Viewer provides the following options:



- **Zoom Out/In** — — zooms out and in on the current document in increments of 10% within a range of 10% to 4,000%. If you attempt to zoom out to a percentage lower than 10%, the Viewer automatically sets the display to 10%. If you attempt to zoom in to a percentage higher than 4,000%, the Viewer automatically sets the display to 4,000%. Your zoom setting persists as you navigate through a document set. This means that if you have set one document to 150% and you go to the next document, the next document defaults to 150% zoom. To specify a zoom percentage without using the zoom out/in toolbar buttons, type the number in the percentage field and press the **Enter** key.



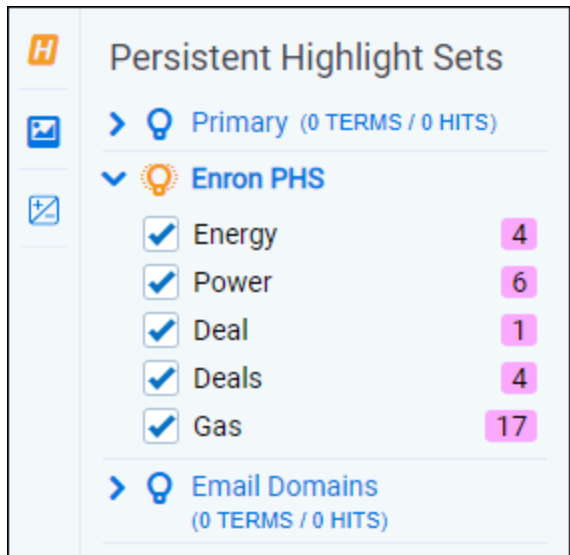
- **Reset Zoom**  —resets the zoom to 100%.
- **Fit Width**  —increases the size of the document to fit the maximum width of the Viewer. This setting persists when you re-size the window.
- **Fit Page**  —fits the entire document into the total size of the page. Clicking this zooms out the document and reduces the font size.
- **Fit Actual**  - fits the document display to the actual size it was in its native application. By default, this resets the zoom percentage to 100%.
- **Layout Mode**  —select one of the following options to determine how documents that are more than one page long display in the Viewer.
  - **Single**  —one page of a document will display at a time. Use the page navigation options at the bottom of the Viewer to adjust which page you view.
  - **Single Continuous**  —displays the pages in the document stacked vertically so you can scroll up and down to view them.
  - **Facing Continuous**  —displays the pages in the document in a row horizontally so you can scroll left and right to view them.
- **Draft Mode**  —click to begin Draft Mode which automatically contrasts text from the background, help you identify poorly drawn redactions, and identify corrupt OCR text. This option is only available on the Native Viewer and PDF Viewer with rendered documents.
- **Go To Next/Previous Highlight**  —moves through previous and next highlighted terms in the document.
- **Redact Markup Visibility**  - this option determines how markups display in the PDF Viewer. Click the Redact Markup Visibility icon to toggle between the following modes:
  - **Solid** - Markups in the document are fully visible and cover text underneath.
  - **Transparent** - Markups in the document are partially visible so that you can still see the text underneath.
  - **Hidden** - Markups in the document are not visible.

#### 7.5.0.2 Left drawer Viewer options

The following options are available in the left drawer:



- **Show/Hide Persistent Highlighting**—displays or hides a panel containing all Recent Searches from the criteria entered in the Search Bar and any persistent highlight sets in the workspace. Only terms in the sets and recent searches that are in the current document will display in the pane. Additionally, you can control which highlights display in the current document by clicking on either the persistent set to only display highlights from that set or you can click on a specific term to only see that term highlighted in the document.



- **Thumbnail**—click to expand the left drawer and display the Thumbnail Viewer. Each page of the document you are reviewing has its own numbered thumbnail in the Thumbnail Viewer.
- **Sentiment**—click to expand or collapse the left drawer and display Sentiment Analysis Highlights in the Viewer.

#### 7.5.0.3 Right drawer Viewer options

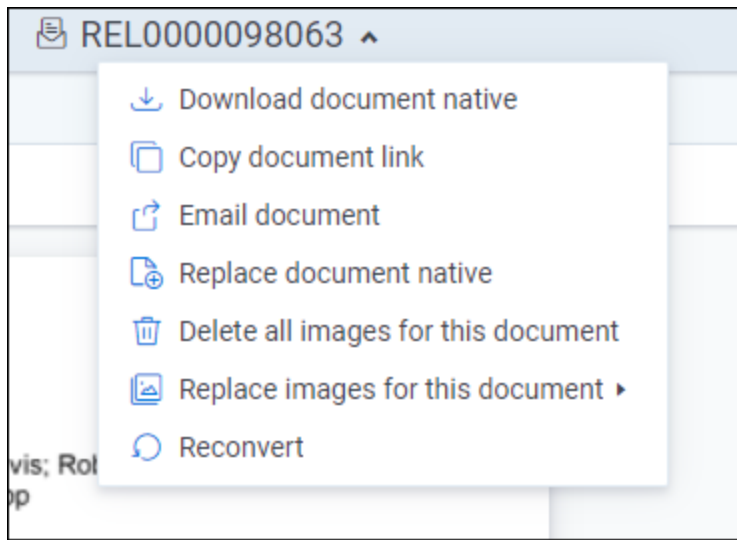
The following options are available in the right drawer:



- **Hidden Content** —displays or hides all hidden cells in a Microsoft Excel spreadsheet. This functionality is only available for Excel files and does not work on imaged documents because Relativity only images unhidden cells.
- **Contextual Search**—click to expand the right drawer and display the Contextual Search card. This feature allows you to quickly navigate to matching search terms in a document which is useful in longer documents or ones that have many matching search terms. The Contextual Search card has the same functionality as the Search Bar. To learn more about the Search Bar's functionality, see [Search Bar](#). Additionally, each search term match is displayed in a box that includes both words before and after the search term match to make it easy for you to view the context of each one. Enter a term or terms in the search box and press **Enter** on your keyboard to highlight in yellow any

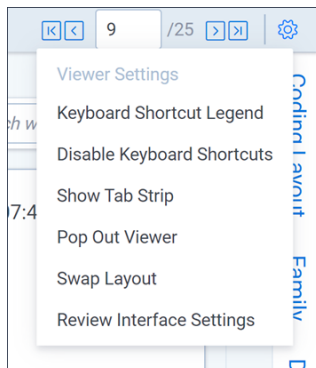
matches in the current document. You can click on a desired search term box in the pane to jump to that place in the document. The active search term box will display with a blue border and the matching search term in the document will be highlighted in blue to make it easy to find.

#### 7.5.0.4 Document actions menu



To learn more about these options, see [Document actions menu](#).

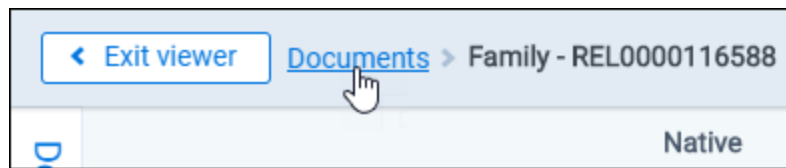
#### 7.5.0.5 Viewer settings menu



To learn more about these options, see [Viewer settings menu](#).

#### 7.5.0.6 Viewer Breadcrumbs

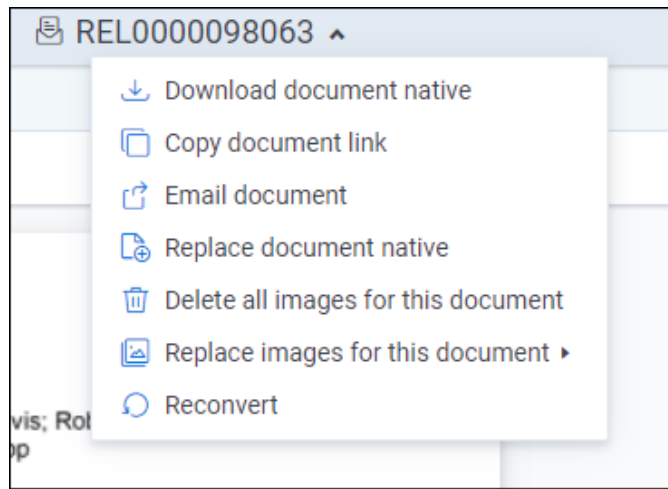
The Viewer Breadcrumbs help you track your current location while browsing documents in the Related items card. The information on your current location updates as you navigate. If Documents is an active link, you can click it to return to the document you were viewing before browsing documents in the Related items card.



Additionally, to exit the Viewer and return to the page you were previously on, you can click the **Exit viewer** button at any time.

## 7.6 Document actions menu

The following options are available in the Document actions menu:



- **Download document native**—select to download a copy of the current document. A user must be granted the Documents - Local Access (Download, Copy Text) permission to use this option. If you cannot download a copy of the document, this option is grayed out. Hover your cursor over this option to view a tooltip that contains an explanation why this option is disabled. A system or case administrator can determine which native file types users can and cannot download by doing the following:
  - Navigate to the **Native Types** tab.
  - Click the **Edit** icon in the row of the desired file type.

- On the **Prevent Native Download** field, select **Yes** to prevent users from downloading it or **No** to allow users to download it.

Native Type Information	
<b>Name</b>	Mac Word 5.x
<b>Category (Basic)</b>	Word Processor
<b>Category (Native)</b>	
<b>Imaging Method</b>	Basic
<b>Restricted From Imaging By Default</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Prevent Native Download *</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No

- **Copy document link**—select to copy the URL to the current document to your clipboard.
- **Email document**—select to open an email in your default email application with the URL to the current document included in the body of the email. The subject of the email will include the name of the workspace and the current document.
- **Replace document native**—select to replace the native file of the current document with a new file.
- **Image on the fly/Delete all images for this document**—Image on the fly will display if the current document has not been imaged. If the current document has been imaged, delete all images for this document will display instead.
  - **Delete all images for this document**—select to delete all images associated with the current document.
  - **Image on the fly**—to image the current document from the Viewer, hover your cursor over this option and the Image Profile options will display. Select the desired profile option to begin the imaging process.

A system or case administrator can determine which native file types can or cannot be imaged using Image on the fly by doing the following:

  - Navigate to the **Native Types** tab.
  - Click the **Edit** icon in the row of the desired file type.
  - On the **Restricted From Imaging By Default** field, select **Yes** to prevent users from using this option to image the native type or **No** to allow users to image the native file

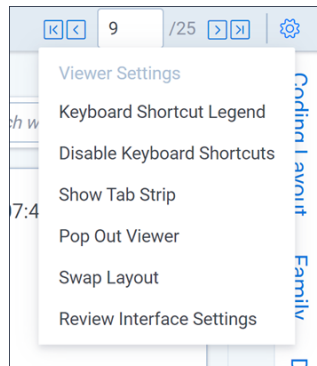
type.

Native Type Information	
Name	Mac Word 5.x
Category (Basic)	Word Processor
Category (Native)	
Imaging Method	Basic
Restricted From Imaging By*	<input type="radio"/> Yes
Default	<input checked="" type="radio"/> No
Prevent Native Download*	<input type="radio"/> Yes
	<input checked="" type="radio"/> No

- **Replace images for this document**—to replace the images for the current document using an imaging profile, hover your cursor over this option and select the desired Imaging Profile option to begin the imaging process.
- **Reconvert**—select to clear your internet browser's cache and reload the current document for review.

## 7.7 Viewer settings menu

The following options are available in the Viewer settings menu:

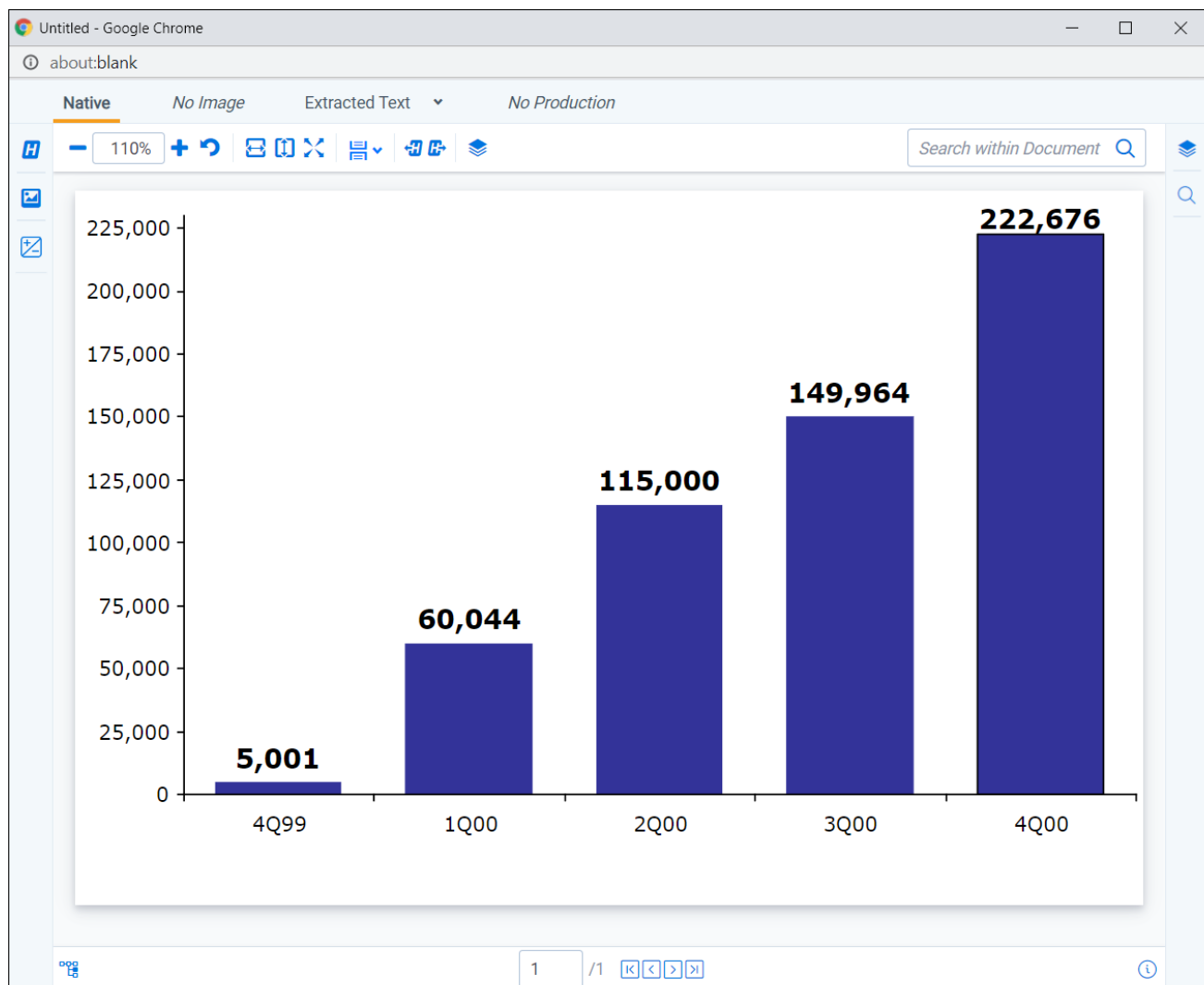


- **Keyboard Shortcut Legend**—select to open the Keyboard Shortcut Legend pop-up modal to view the current keyboard shortcuts available in the Viewer.
- **Enable/Disable Keyboard Shortcuts**—select to enable or disable the keyboard shortcuts feature while in the Viewer.
- **Show/Hide Tab Strip**—select to show or hide the sidebar and tab strip in the Native Viewer.
- **Pop Out Viewer**—select to open the Viewer in a new window in your browser. To learn more, visit [Pop Out Viewer](#).
- **Swap Layout**—select to move the coding layout and the document card to the opposite side of the Viewer from where they are currently located.

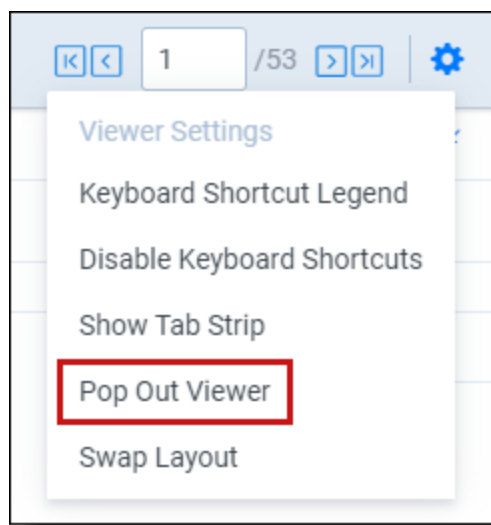
- **Review Interface Settings**—Allows a third-party developer to temporarily enable or disable other extensions and settings in the Review Interface while they are developing their extension. This option only displays in the Viewer Settings menu if a user has the Document - Review Interface Settings permission. This permission is disabled by default for all users other than System Administrators. You can toggle instance settings, persistent highlighting, and extensions on or off for the current user to help troubleshoot problems. Settings that are edited only apply to the current user and do not impact settings across the instance. If you edit any of the options on this page, a message displays at the top of the Viewer indicating that the settings have been changed. You may need to refresh your browser for the changes to be reflected in the Viewer. Any changes made do not persist across user sessions and once you log out, the Viewer will return to the state prior to editing the Review Interface Settings.  
If you would like to return to the prior Viewer state, click **Reset Default Settings** at the bottom of the page to restore the settings back to their original values.

## 7.8 Pop Out Viewer

You can open the Viewer in a new window in your browser using the Pop Out Viewer. The Document card and the Coding card remain in the previously opened browser window. They can be expanded to a greater width to take advantage of the space freed up by the Pop Out Viewer. The Pop Out Viewer retains the same functionality as the Viewer. For example, you can switch Viewer types and view highlights or the Thumbnail Viewer as desired.

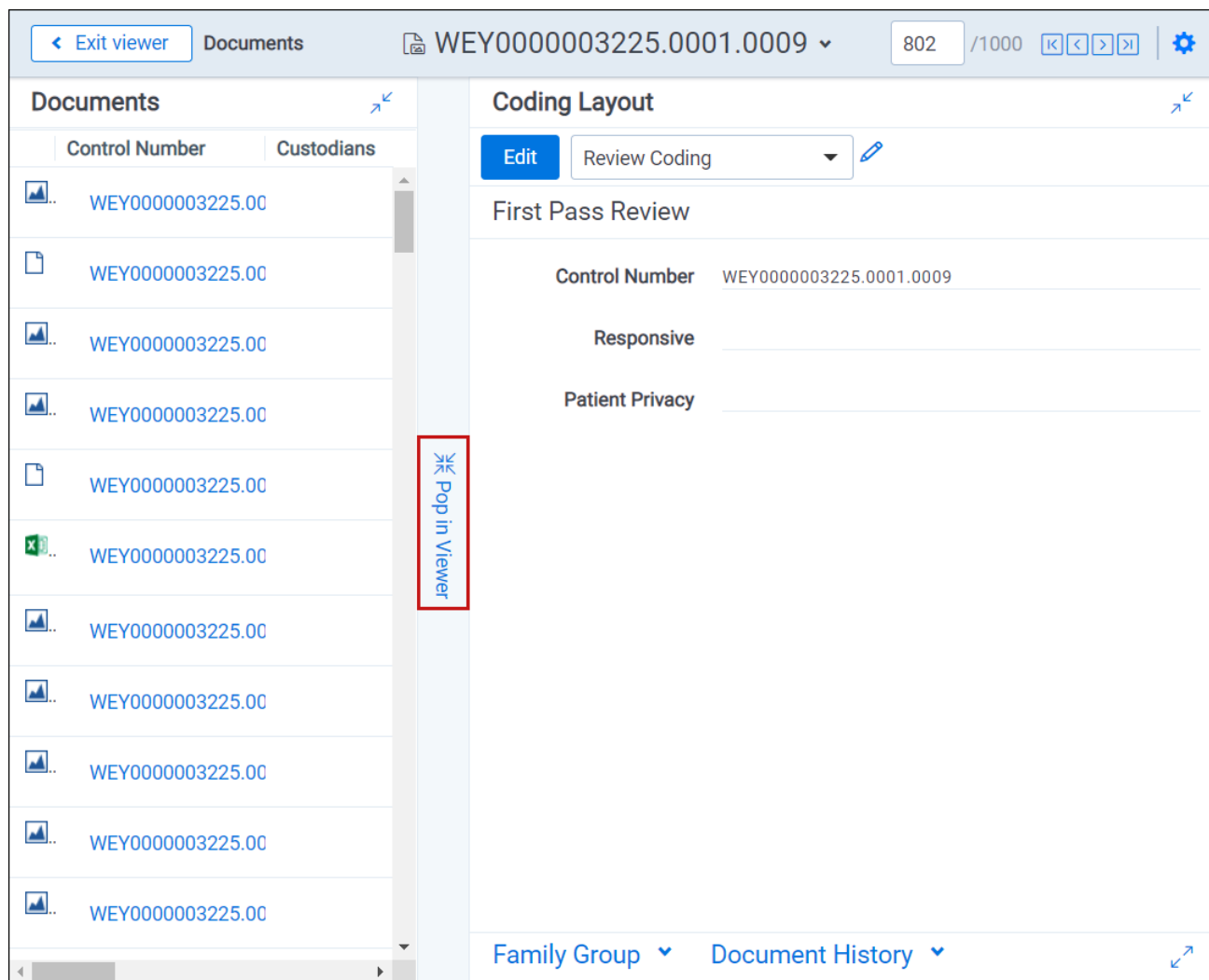


To open the Pop-Out Viewer in a new browser window, select the **Pop Out Viewer** option from the Viewer settings menu in the upper-right corner.





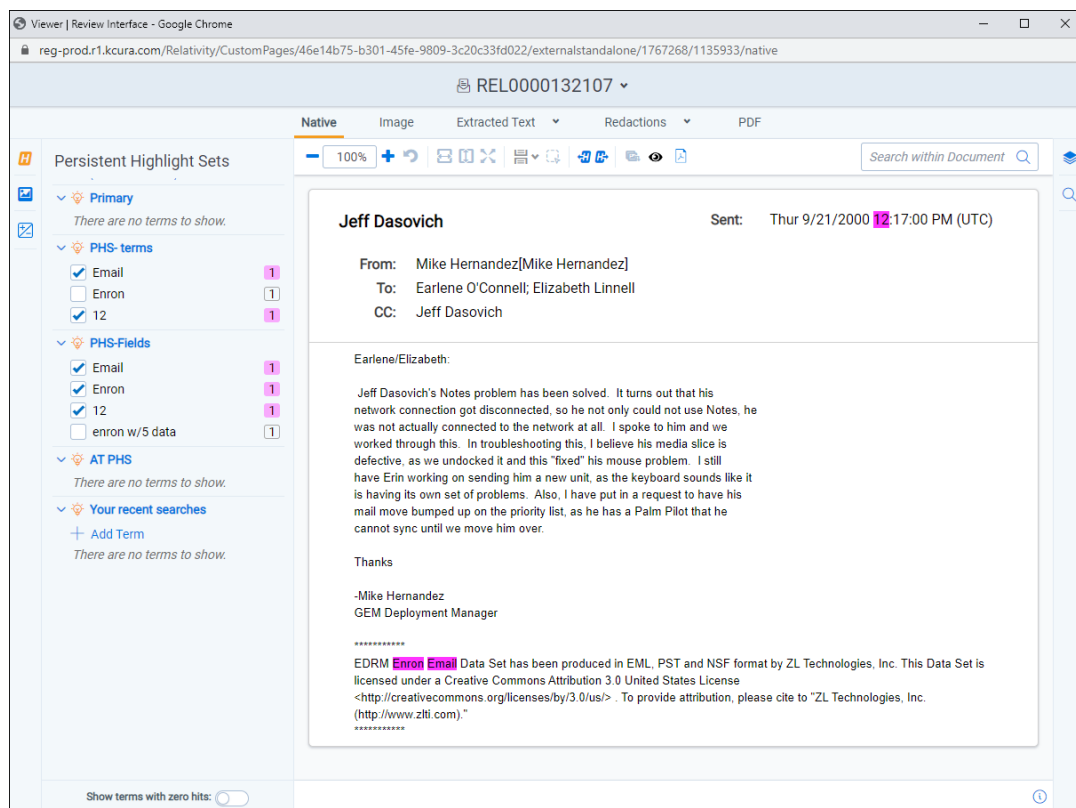
To return the Viewer to the previous browser window where the Document card and Coding card are located, you can click either the Pop In Viewer button on the previous browser window or you can select the Pop In Viewer option from the Viewer settings menu in the upper-right.



Alternatively, if you close the browser window that the popped out Viewer is in, the Viewer pops in to the Review Interface or in other words, returns to the original browser window.

### 7.8.1 Standalone Viewer

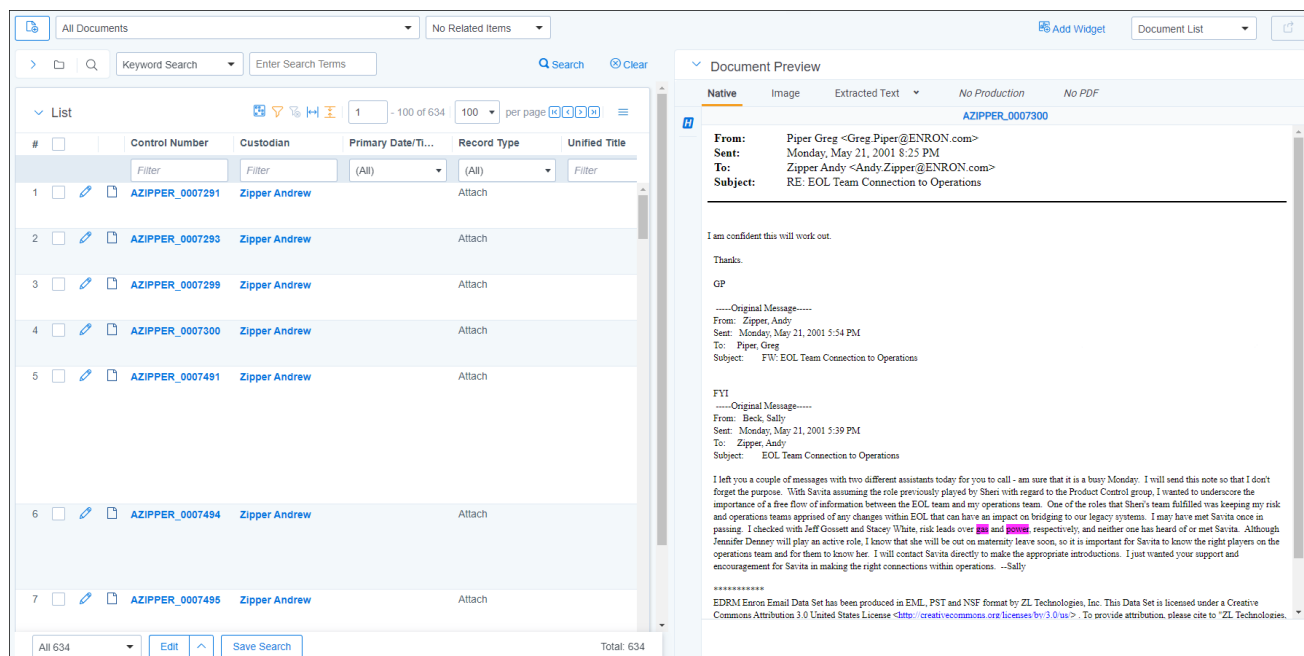
To view a document in a separate browser window, click the file icon in the Document list or in the Viewer on the Documents card or Family card. Launching the Standalone Viewer from either the Documents and Family card launch the Review interface.



**Note:** Keyboard shortcuts are available for use in the Standalone Viewer. For example, if you execute the shortcut for Save & Next in the Standalone Viewer, each window performs the operation and moves to the next document.

## 7.8.2 Document preview panel

The Document preview panel allows you to view documents in the document list before launching the Viewer. It also allows you to filter the list and quickly view documents in the results which makes the process of finding documents more efficient. To learn more, visit





## 7.9 Related items card

The related items card is located at the bottom-right corner of the Viewer. Related items are customizable groups of documents within a workspace. Common examples are family groups, duplicates, or similar documents.





The Edit field will be available in the Related items card if you add it to the Relational card view.

The related items toolbar includes the following:



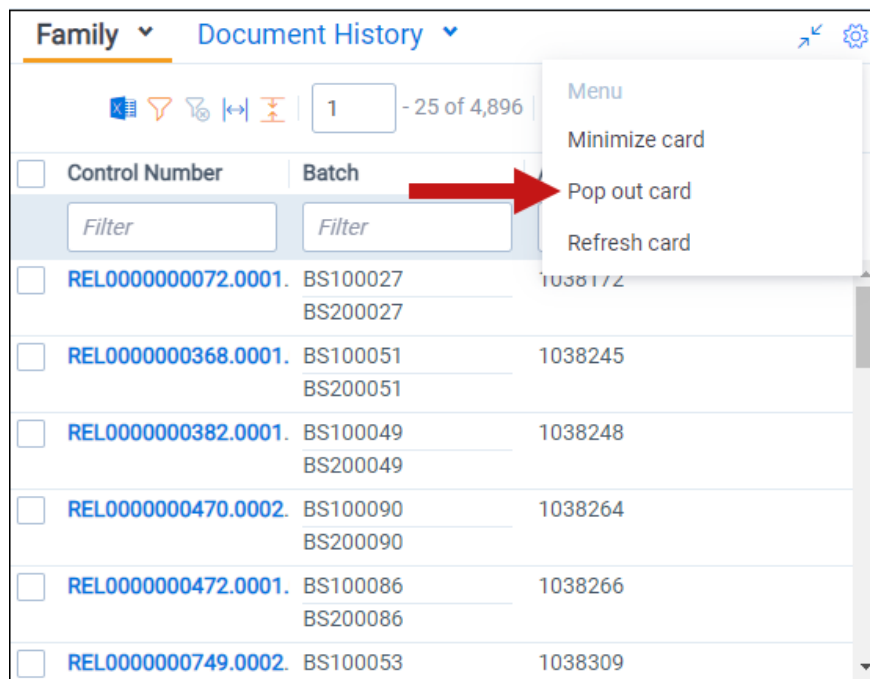
- 
**Related items** —displays a group of documents related to the active document. Options vary within the workspace. Hover over each icon to display the name of the item. Examples include: family group, duplicates, and thread group.
- 
**Document history** —displays a history of actions taken on the current document. You may not have access to document history. If you store your audits in Data Grid, this displays the field name, old value, and new value.

**Note:** In the Document History card, you can click the **Details** link to display a pop-up with the audit history for the document. Click **Run Details** to display information about document imaging jobs, including the name of the imaging profile and the formatting options used during mass imaging or imaging on the fly.

- **Production** —displays all productions in which the document was included. You may not have permissions to view production information.
- **Linked** —displays all linked records on the active document.
- **Search results** —displays the results of an Analytics search.
- **Batch sets** —shows all the batch sets for the active record. See Batches in the Admin manual. You may not have permissions to view this section.

When a coding decision is made, the information in the Related Items card automatically refreshes. If there are two or more reviewers on the same document, a user can refresh this card by clicking on the Menu icon and selecting **Refresh card**.

The Related items card can be opened in a separate browser window. Click the Menu icon and select **Pop out card** to open the card in its own window. Click the Menu icon and select **Pop in card** to close the browser window and return the card to the Viewer.



#### 7.9.0.1 Document actions in the related items card

You can use the related items card to quickly identify documents related to the active document. You can also use this card to act on those groups of related items.

For instance, in the example of the Related items card below, you can select some or all of the documents in the Related items card and click **Edit**. This opens a window for you to access all of your active layouts – the same layouts available in the layouts pane. Using these layouts, you can make coding decisions and apply them to the selected documents using mass editing. Alternatively, you can mass PDF, Save as List, Image, or Tally/Sum/Average. To learn more, see [Mass operations in the Admin guide](#).

If you add the Edit field to your relational card view, you can click the Edit icon in the row of a document and immediately open that document in the Viewer with the layout ready to be edited.

Family Group

Document History

X

Filter

Reset

Previous

Next

1 - 5 of 5

100 per page

	Artifact ID	Control Number
<input type="checkbox"/>	= Filter	Filter
<input type="checkbox"/>	1110600	AZIPPER_0007291
<input type="checkbox"/>	1110601	AZIPPER_0007293
<input type="checkbox"/>	1110602	AZIPPER_0007299
<input type="checkbox"/>	1110603	AZIPPER_0007300
<input type="checkbox"/>	1110604	AZIPPER_0007491

Checked (0)

Edit

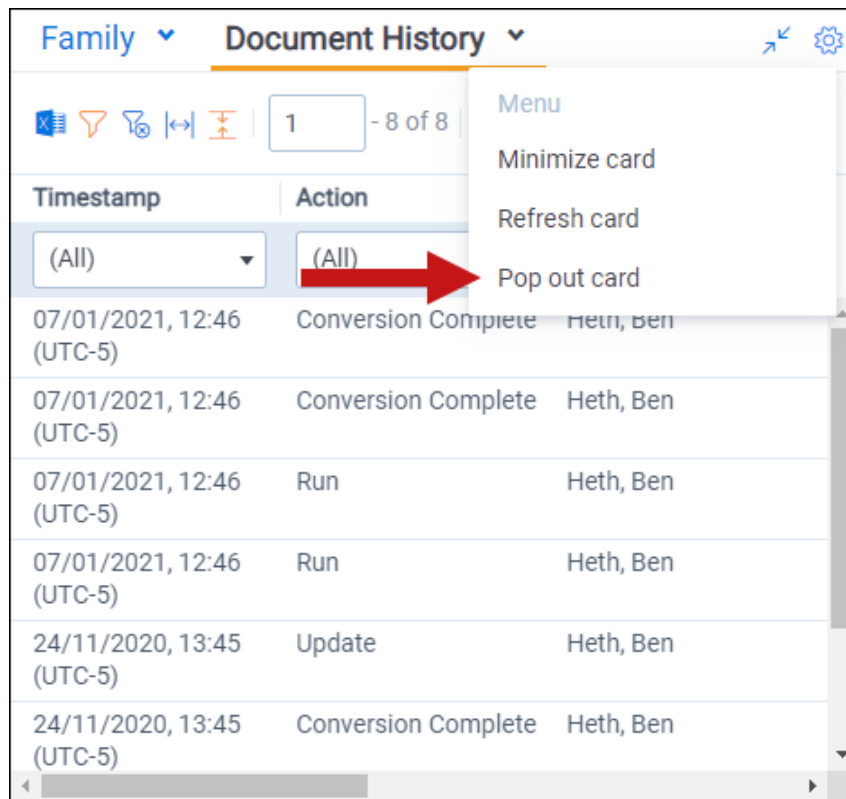
## 7.10 Document and Production History card

The Document History and Production History card is located in the bottom-right of the Viewer. This card displays either the document history or the production history, depending on which you have selected. The Document History card displays information about the most recent actions taken by users with the current document. The Production History card displays information on any productions that the current document was included in.

You can filter the columns to help find information or export the information in the Document History card to a .csv file.

You can refresh this card by clicking on the Menu icon and selecting **Refresh card**.

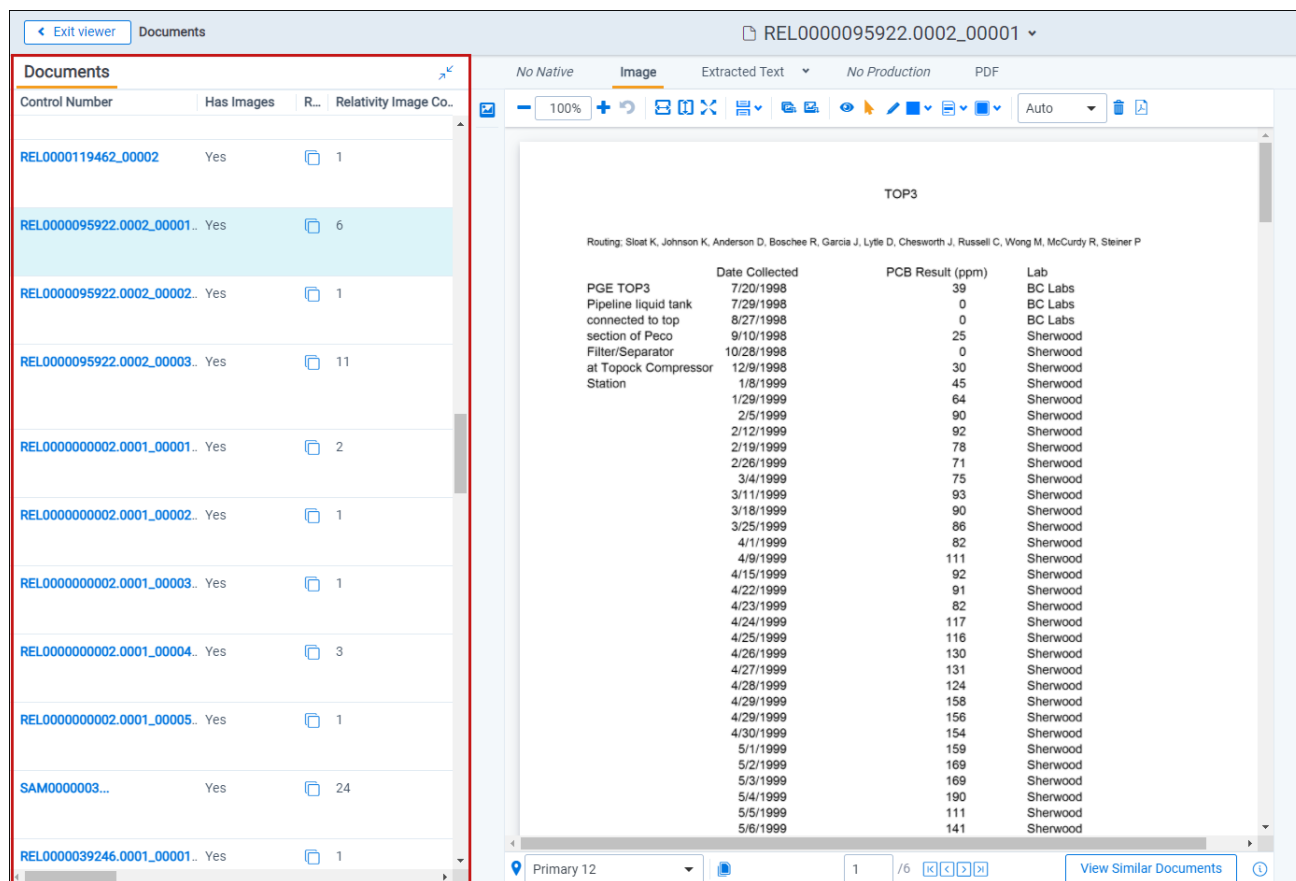
The Document History card can be opened in a separate browser window. Click the Menu icon and select **Pop out card** to open the card in its own window. Click the Menu icon and select **Pop in card** to close the browser window and return the card to the Viewer.



## 7.11 Documents card

The Documents card contains the document list so you can conveniently navigate from document-to-document without having to leave the Viewer. The fields that display in the card are based on which view is selected in the document list. Each time that you save a coding decision in the Viewer, the Documents card refreshes to show the latest results. The highlighted document in the document list now updates when you navigate from document-to-document to make tracking even easier.

If you're using Review Center, the Documents panel shows the documents in your current queue. For more information, see [Reviewing documents using Review Center](#) in the Review Center guide.



### 7.11.1 Email thread visualization tool

When you have installed and run an email threading structured analytics set for documents, you can use the email thread visualization tool. Launch the Email Thread Visualization pane, click the **email thread visualization** (🔗) icon in the lower right corner of the displayed document in the Viewer. The email thread visualization pane expands and shows the thread group for the selected email in the Viewer.

Using this tool, you can visually examine email threads and how they are coded. You can also easily perform mass editing from this tool. See Email thread visualization in the Analytics guide for more information.

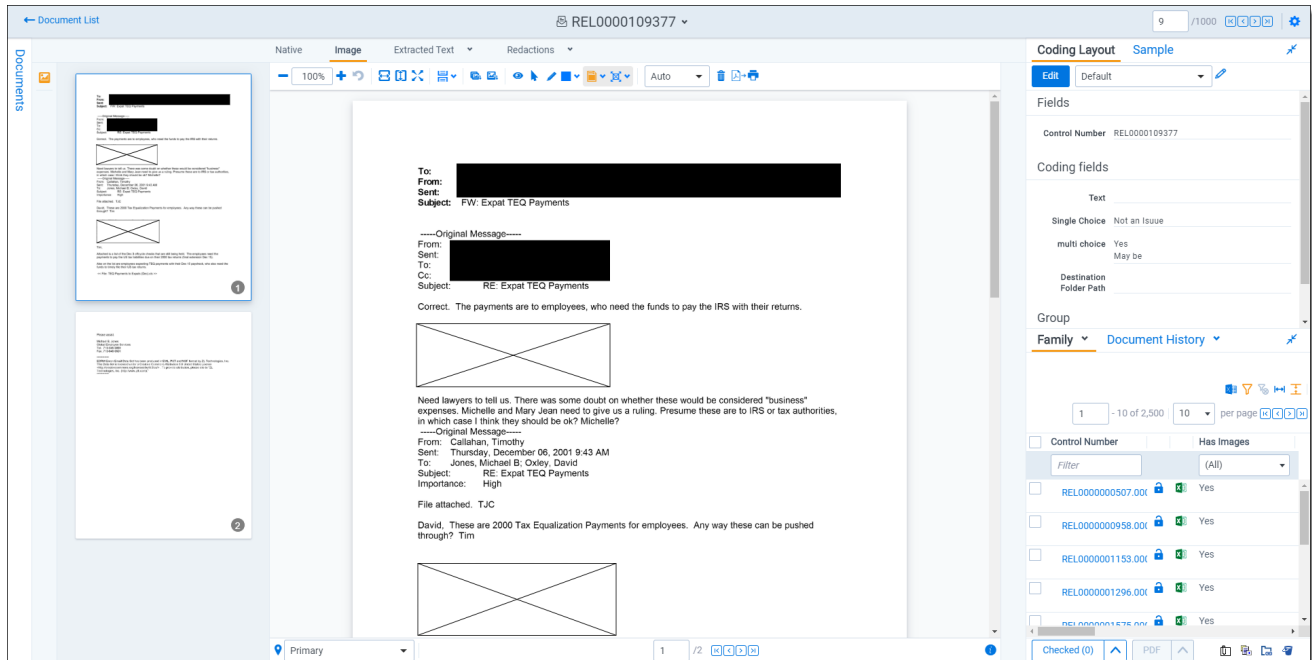
## 7.12 Thumbnail Viewer

When in the Native Viewer, Image Viewer, or Productions Viewer, you can access and browse thumbnail renderings of a document's pages. Quickly scan, locate, and navigate to pages in an open document.

To open the Thumbnail Viewer, click **Thumbnail** icon in the left drawer. The left drawer expands and displays the Thumbnail Viewer. Scroll up and down to navigate all pages in the open document and click a page to view it. As you scroll through the document, the thumbnail viewer scrolls simultaneously to keep the viewed pages in focus.

The Thumbnail Viewer is compatible with word processor, presentation, vector image, and raster image file types.

**Note:** The Thumbnail Viewer may not be available in the Native Viewer for document types that do not paginate such as spreadsheets or plain text.



## 7.13 Document compare


You can use Document Compare to view the key differences between the extracted text of two documents. To access Document Compare, you must first add the Relativity Compare system field to a view. See Views in the Admin guide.


(Click to expand)

1 - 100 of 15,937   100 per page								
#		Control Number	Custodians	Primary Date/Time	Record Type	Com...	Issue	Email From
		Filter	(All)	(All)	(All)		(All)	Filter
1	<input type="checkbox"/>	<a href="#">WEY0000002620</a>	Weyland, Peter	02/16/2001 5:24 PM	Email		Gas	Zipper
2	<input type="checkbox"/>	<a href="#">WEY0000002621</a>	Arnold, Johnny	02/16/2001 5:24 PM	Email		Power	Zipper
3	<input type="checkbox"/>	<a href="#">WEY0000002622</a>	Zipper, Andy	02/16/2001 5:24 PM	Email		Gas	Zipper
4	<input type="checkbox"/>	<a href="#">WEY0000002623</a>	Weyland, Peter	02/16/2001 5:24 PM	Email		Gas	Zipper
5	<input type="checkbox"/>	<a href="#">WEY0000002624</a>	Arnold, Johnny	02/16/2001 5:24 PM	Email		Gas	Zipper

To compare two documents in Relativity from the document list:



1. Click  to open the Document Compare selection window. By default the document identifier of the selected document populates the Document Compare window.

2. Click  by the With field to select a document with which to compare it. A Select Item pop-up window displays.

---

**Note:** You can change the value of either of the fields at any time while in the Document Compare window.

---

3. Select the desired document from the list and click **Set**. The Document Compare window displays the selected document in the With field.
4. Click **Compare**. The window displays the similarities and differences between the documents.
5. The similarities and differences between the documents are reflected in the legend at the bottom of the window:
  - **Inserted** - text appears in the "With" document but doesn't appear in the "Compare" document.
  - **Deleted** - text appears in the "Compare" document but doesn't appear in the "With" document.
  - **Unchanged** -text appears in both documents.

Document Compare

Compare: LKITCHEN\_0000583

With: LKITCHEN\_0000574

Clear

Clear

Compare

obligations with respect to a Transaction, including, without limitation, all amounts then otherwise payable hereunder, determined in a commercially reasonable manner.


"Event of Default" means with respect to a party (the "Defaulting Party") any of the following: (i) the failure by the Defaulting Party to make, when due, any payment required ~~hereunder~~hereunder ~~or to provide credit support pursuant to Section 16, in each case~~ if such failure is not remedied within three days after notice of such failure is given to the Defaulting Party; (ii) any representation or warranty made by the Defaulting Party herein shall prove to have been false or misleading in any material respect; (iii) the breach by the Defaulting Party of any material covenant set forth herein other than the ~~obligation~~obligation to make ~~payment~~payment ~~covenants set forth in item (i) above~~ if such failure is not remedied within 30 days after notice of such failure is given to the Defaulting Party; (iv) the institution, with respect to the Defaulting Party, of a bankruptcy, reorganization, moratorium, liquidation or similar insolvency proceeding, or other relief under any bankruptcy or insolvency law affecting creditors' rights or a petition is presented or instituted for its winding-up or liquidation (a "Bankruptcy Event of Default"); (v) the Defaulting Party consolidates or amalgamates with, or merges into or with, or transfers substantially all of its assets to another entity and (a) the resulting entity fails to assume all of the obligations of the Defaulting Party hereunder or (b) the resulting entity's creditworthiness is materially weaker than that of the Defaulting Party; (vi) the Defaulting Party's failure to schedule the Daily Contract Quantity for a cumulative period of 45 or more days in a 12 month period in any one Transaction unless excused by Force Majeure or the other party's failure to perform its obligations hereunder (a "Scheduling Event of Default"); ~~for (vii) or (vii)~~ (vii) an event of default occurs (howsoever determined) under any transaction consummated under the Spot General Terms & Conditions (Gas) between Company and counterparty (the "Spot GTC"), if any, or any transaction consummated under Base Contract For Short-Term Sale and Purchase of Natural Gas (GISB Form) between Company and counterparty (the "GISB Contract"), if any, or any other transaction between Company and counterparty for the purchase or sale of natural ~~gas~~gas ~~(viii) the guarantor of the Defaulting Party fails to perform any covenant set forth in any guaranty agreement provided pursuant to Section 16, any representation or warranty made by the guarantor in such guaranty agreement shall prove to have been false or misleading in any material respect, or the guarantor shall take or suffer any actions set forth in item (iv) above as applied to it; or (ix) the issuer of a letter of credit provided pursuant to Section 16 shall fail to comply with or perform its obligations under such letter of credit if such failure shall be continuing after the lapse of any applicable grace period; or shall disaffirm, disclaim, repudiate or reject; in whole or in part, or challenge the validity of, such letter of credit; or shall take or suffer any actions set forth in item (iv) above as applied to it; or such letter of credit shall expire or terminate, or shall fail or cease to be in full force and effect at any time during the term of the Transaction for which it is issued without having been replaced~~;

4. Force Majeure. Except with respect to payment obligations, in the event either party is rendered unable, wholly or in part, by Force Majeure to carry out its obligations under a Transaction, it is agreed that upon such party's giving notice of such Force Majeure to the other party as soon as reasonably possible (to be confirmed in writing), the obligations of such party, to the extent they are affected by such event, shall be suspended from the inception and during the continuance of the Force Majeure. The cause of the Force Majeure shall be remedied with all reasonable dispatch by the party claiming same (the "Claiming Party"). No provision herein shall require or permit either party to schedule gas in excess of the Daily Contract Quantity or at points other than the Delivery Point(s).

Inserted

Deleted


Unchanged

You can also compare related documents from within the viewer. To compare related documents in the viewer, open the Related Items pane and click  next to the document you want to compare. The Document Compare selection window opens. The document you select from the Related Items pane automatically populates in the With field, while the document open in the viewer automatically populates the Compare field.

## 7.14 Viewer-supported file types

Relativity uses the Viewer to display rendered versions of native files. Reviewers can see how the file looked in its native application without opening the file in that native application.

When converting email file types such as EML, the Viewer will not download images from the internet. Any linked images will display as a gray box in the Viewer.

This document provides a comprehensive list of files types supported by the Viewer. Find out which Viewer version you have, by navigating to your Viewer and clicking .

See the Admin guide for more information on the Viewer.

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**Note:** Relativity does not support any third-party applications after the user downloads a file. This includes specific browser and media-player combinations, such as Internet Explorer and Windows Media Player.

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### 7.14.1 Text only designation

Some file types have a "text only" designation. When viewing these files in the Native Viewer, the document's text is the only data that renders. For Microsoft Project files and XML files, the view doesn't display items such as Gantt charts, icons, or other graphics. There is typically no formatting (bold, italics, fonts, etc.) of the text.

### 7.14.2 File ID only designation

Some file types have a "file ID only" designation. The Viewer is able to identify the file ID correctly, but it returns an error message indicating that the file format is not supported. Despite returning an error message, the Viewer identifies the file so that you can easily locate it and open it in an alternate application.

### 7.14.3 Supported File ID-only file types

The Viewer supports file ID-only functionality the following native file types. The supported file types are listed by category.

Program/File Type	Category	Type/Version	File Extension
Microsoft Access Report Snapshot	Database	2000-2003	
IBM Lotus Notes NSF	Email	7.x, 8.x	
DICOM	Multimedia		
Flash	Multimedia	9, 10	
Real Media	Multimedia		
MPEG-1 Video V 2	Multimedia		.mpg
MPEG-1 Video V 3	Multimedia		.mpg
MPEG-2 Audio	Multimedia		.mpg
Windows Media Playlist	Multimedia		
AOL Messenger	Other		
Microsoft InfoPath	Other	2007	
Microsoft Office Theme files	Other	2007-2013	
Microsoft Windows Compiled Help	Other		.chm
Microsoft Windows Explorer Command	Other		.scf
Microsoft Windows Help	Other		.hlp
Microsoft Windows Shortcut	Other		.ink

Program/File Type	Category	Type/Version	File Extension
Trillian XML Log File	Other	4.2	
Adobe Photoshop PSD	Raster		
TrueType Font	Other		.ttf, .ttc
WebP	Raster		
XHTML	Text and Markup	1.0	
Visio XML VSX	Vector Image	2007	
Microsoft Publisher	Word Processing	2003-2007	
Samsung JungUm Global	Word Processing		
Strict Open XML - Presentation  <b>Note:</b> Relativity does not support the password protected version for these three Strict Open XML file formats.	Presentation	2013, 2016	
Strict Open XML - Spreadsheet	Spreadsheet	2013, 2016	
Strict Open XML - Document	Word Processing	2013, 2016	

#### 7.14.4 Supported Text-only file types

The Viewer supports text-only functionality the following native file types. The supported file types are listed by category.

Program/File Type	Category	Type/Version	File Extension
Microsoft Access	Database	1.0, 2.0, 95 - 2010	.accdb, .mdb
Flash	Multimedia	6.x, 7.x, Lite	.swf
Microsoft Excel for Windows	Spreadsheet	2003 XML	.xml
XML	Text and markup		.xml
Microsoft XPS	Vector Image		
Visio	Vector Image	2013	
Lotus WordPro	Word processing	9.7, 96 - Millennium 9.8	.lwp, .mwp
Microsoft Word for Windows	Word Processing	2003 XML	

## 7.14.5 Supported File types

The Viewer supports the following native file types. The supported file types are listed by category.

Program/File Type	Category	Type/Version	File Extension
7z <b>Note:</b> BZIP2 and split archives are not supported.	Archive		.7z
7z Self Extracting exe <b>Note:</b> BZIP2 and split archives are not supported.	Archive		.exe
LiveNote Evidence File	Archive		.lef
LZA Self Extracting Compress	Archive		.lza
LZH Compress	Archive		.lzh
Microsoft Office Binder	Archive	95, 97	.obd
Microsoft Cabinet (CAB)	Archive		.cab
PKZip	Archive		.zip
RAR	Archive	1.5, 2.0, 2.9	.rar
TextMap Evidence File	Archive		.xmef
UNIX Compress	Archive		.z
UNIX GZip	Archive		.gz
UNIX tar	Archive		.tar
Uuencode	Archive		.uue
Zip	Archive	PKZip, WinZip	.zip
DataEase	Database	4.x	.dba
DBase	Database	III, IV, V	.dbf
First Choice DB	Database	Through 3.0	.fol
Framework DB	Database	3.0	
Microsoft Access	Database	2007/2010	.accdb
Microsoft Works DB for DOS	Database	2.0	.wdb
Microsoft Works DB for Macintosh	Database	2.0	.wdb
Microsoft Works DB for Windows	Database	3.0, 4.0	.wdb
Microsoft Works DB for DOS	Database	1.0	.wdb
Paradox for DOS	Database	2.0 - 4.0	.db
Paradox for Windows	Database	1.0	.db
Q&A Database	Database	Through 2.0	.db

Program/File Type	Category	Type/Version	File Extension
R:Base	Database	R:Base 5000, R:Base System V	.rb1, .rb2, .rb3
Reflex	Database	2.0	.rdx
SmartWare II DB	Database	1.02	.db
Apple Mail Message (EMLX)	Email	2.0	.emlx
Encoded mail messages	Email	<ul style="list-style-type: none"> <li>■ MHT</li> <li>■ Multi Part Alternative</li> <li>■ Multi Part Digest</li> <li>■ Multi Part Mixed</li> <li>■ Multi Part News Group</li> <li>■ Multi Part Signed</li> <li>■ TNEF</li> </ul>	
EML with Digital Signature <hr/> <b>Note:</b> .EML files that have a password or are encrypted are not supported in the Viewer. These documents will display the attachment but the body will appear blank.	Email	SMIME	.eml
IBM Lotus Notes Domino XML Language DXL	Email	8.5	.xml
IBM Lotus Notes NSF (Win32, Win64, Linux x86-32 and Oracle Solaris 32-bit only with Notes Client or Domino Server)	Email	8.x	.nsf. .ntf
MBOX Mailbox	Email	RFC 822	.mbox

Program/File Type	Category	Type/Version	File Extension
<b>Note:</b> Any MBOX file that is ingested into Relativity using the Relativity Desktop Client will display as an archive, regardless of how many messages it may have or what extension it might have. An MBOX file is characterized as a text file with the string "From<space>email address<space>date string". When a file of this nature is viewed in Relativity, it may appear to only show summaries of messages. Essentially, if that "from" line is at the top of the document, Relativity treats it as MBOX and displays it as an archive.			
Microsoft Outlook (MSG)	Email	97 - 2013	.msg
Microsoft Outlook (OST )	Email	97 - 2010, 2013	.ost
Microsoft Outlook (PST)	Email	97 - 2013	.pst
Microsoft Outlook Express (EML)	Email		.eml
Microsoft Outlook Forms Template (OFT)	Email	97 - 2013	.oft
Microsoft Outlook OLM for Mac	Email	2011	
Microsoft Outlook PST (Mac)	Email	2001	.pst
MSG with Digital Signature  <b>Note:</b> .MSG files that have a password or are encrypted are not supported in the Viewer. If you open an .MSG file that is encrypted in the Viewer, the body of the document will be blank and the contents of the encrypted data is placed into a single attachment with a .p7m file extension.	Email	SMIME	.msg
Microsoft Live Messenger (via XML filter)	Other	10.0	
Microsoft OneNote	Other	2007, 2010, 2013	.one
Microsoft Outlook, Google Calendar, and Apple Calendar	Other		.ics
Microsoft Project (sheet view only, Gantt Chart, Network Diagram, and graph not supported)	Other	98-2013	.mpp
Microsoft Project (sheet view only, Gantt Chart, Network Diagram, and graph not supported)	Other	2007, 2010, 2013	.mpp
Microsoft Windows DLL	Other		.dll
Microsoft Windows Executable	Other		.dll
Trillian Text Log File (via text filter)	Other	4.2	.txt

Program/File Type	Category	Type/Version	File Extension
vCalendar	Other	2.1	.vcs
vCard	Other	2.1	.vcf
Yahoo! Messenger	Other	6.x – 8	.yps
Apache Office Draw (ODF 1.2)	Presentation	3.x, 4.x	
Apache Office Impress (ODF 1.2)	Presentation	3.x, 4.x	
Apple iWork Keynote (MacOS, text and PDF preview)	Presentation	09	.key, .key-note
Harvard Graphics Presentation DOS	Presentation	3.0	.prs
IBM Lotus Symphony Presentations	Presentation	1.x	
Kingsoft WPS Presentation	Presentation	2010	
Libre Office Draw (ODF 1.2)	Presentation	3.x, 4.x	
Libre Office Impress (ODF 1.2)	Presentation	3.x, 4.x	
Lotus Freelance	Presentation	1.0 - Millennium 9.8	.prz
Lotus Freelance for OS/3	Presentation	2	
Lotus Freelance for Windows	Presentation	95, 97, SmartSuite 9.8	
Microsoft PowerPoint for Macintosh	Presentation	4.0 - 2011	.ppt
Microsoft PowerPoint for Windows	Presentation	3.0 – 2013	.ppt
Microsoft PowerPoint 2016	Presentation	2016	.pptx
<b>Note:</b> Beginning in Relativity 12.2.190.4 (Prairie Smoke 1), .pptx files that have Ink drawings are supported in the Native and Image Viewer. Any documents with Ink drawings that were imported prior to Relativity 12.2.190.4 will need to be reconverted to take advantage of this new functionality.			
Microsoft PowerPoint for Windows Slideshow	Presentation	2007-2013	.ppt
Microsoft PowerPoint for Windows Template	Presentation	2007-2013	.pot
Novell Presentations	Presentation	3.0, 7.0	.shw
OpenOffice Impress	Presentation	1.1, 3.0	.sdd
Oracle Open Office Impress	Presentation	3.x	.odp
StarOffice Impress	Presentation	5.2 - 9.0	.sda, .sdd



Program/File Type	Category	Type/Version	File Extension
WordPerfect Presentations	Presentation	5.1 - X5	
Adobe Photoshop	Raster image	4.0	.psd
Adobe Photoshop XMP only	Raster image	8.0 - 10.0 (CS 1-5)	
CALS Raster (GP4)	Raster image	Type I-II	.cg4, .cal
Computer Graphics Metafile	Raster image	ANSI, CALS, NIST	.cgm
Encapsulated PostScript (EPS)	Raster image	TIFF Header only	.eps
GEM Image (Bitmap)	Raster image		.bmp
Graphics Interchange Format (GIF)	Raster image		.gif
IBM Graphics Data Format (GDF)	Raster image	1.0	.gdf
IBM Picture Interchange Format	Raster image	1.0	.pif
HEIC Image file	Raster image		.heic
JBIG2	Raster image	Graphic Embeddings in PDF	
JFIF (JPEG not in TIFF format)	Raster image		.jfif
JPEG	Raster image		.jpg
JPEG 2000	Raster image	JP2	
Kodak Flash Pix	Raster image		.fpx
Kodak Photo CD	Raster image	1.0	.pcd
Lotus PIC	Raster image		.pic
Lotus Snapshot	Raster image		
Macintosh PICT	Raster image	BMP only	.bmp
Macintosh PICT2	Raster image	BMP only	.bmp
MacPaint	Raster image		.pntg
Microsoft Windows Bitmap	Raster image		.bmp
Microsoft Windows Cursor	Raster image		
Microsoft Windows Icon	Raster image		.ico
OS/2 Bitmap	Raster image		
OS/2 Warp Bitmap	Raster image		
Paint Shop Pro (Win32 only)	Raster image	5.0, 6.0	.psp
PC Paintbrush (PCX)	Raster image		.pcx

Program/File Type	Category	Type/Version	File Extension
PC Paintbrush DCX (multi-page PCX)	Raster image		.dcx
Portable Bitmap (PBM)	Raster image		.pbm
Portable Graymap PGM	Raster image		.pgm
Portable Network Graphics (PNG)	Raster image		.png
Portable Pixmap (PPM)	Raster image		.ppm
Progressive JPEG	Raster image		.jpg, .jpeg, .jpe
StarOffice Draw	Raster image	6.x - 9.0	
Sun Raster	Raster image		.srs
TIFF	Raster image	Group 5 & 6	.tif, .tiff
TIFF CCITT	Raster image	Group 3 & 4	
TruVision TGA (Targa)	Raster image	2.0	.tga
WBMP wireless graphics format	Raster image		
WebP	Raster image		
<b>Note:</b> WebP files are only available in the Native Viewer.			
Word Perfect Graphics	Raster image	1.0	.wpg
WordPerfect Graphics	Raster image	2.0 – 10.0	.wpg, .wpg2
X-Windows Bitmap	Raster image	x10 compatible	.xbm
X-Windows Dump	Raster image	x10 compatible	.xdm
X-Windows Pixmap	Raster image	x10 compatible	.xpm
Apache Office Calc (ODF 1.2)	Spreadsheet	3.x, 4.x	
Apple iWork Numbers (MacOS, text, and PDF preview)	Spreadsheet	09	.numbers
Cellebrite Excel Report File	Spreadsheet		.xlsx
Cellebrite Encrypted Excel Report File	Spreadsheet		.xlsx
Enable Spreadsheet	Spreadsheet	3.0 - 4.5	
First Choice SS	Spreadsheet	Through 3.0	
Framework SS	Spreadsheet	3.0	
IBM Lotus Symphony Spreadsheets	Spreadsheet	1.x	
Kingsoft WPS Spreadsheets	Spreadsheet	2010	

Program/File Type	Category	Type/Version	File Extension
Libre Office Calc (ODF 1.2)	Spreadsheet	3.x, 4.x	
Lotus 1-2-3	Spreadsheet	Through Millennium 9.8	.wk1, .wk3, .wk4, .wks
Lotus 1-2-3 Charts (DOS and Windows)	Spreadsheet	Through 5.0	.wk1, .wk3, .wk4, .wks
Lotus 1-2-3 for OS/2	Spreadsheet	2.0	
Microsoft Excel Charts	Spreadsheet	2.x - 2007	.xlsx, .xls
Microsoft Excel for Macintosh	Spreadsheet	98 – 2011	.xlsx, .xls
Microsoft Excel for Windows	Spreadsheet	3.0 - 2016	.xlsx, .xls
<b>Note:</b> Excel files with slicers will convert and display normally in the Viewer, but slicer elements in those files will not display.			
Microsoft Excel for Windows (.xlsb)	Spreadsheet	2007-2013 (Binary)	.xlsb
Microsoft Works SS for DOS	Spreadsheet	2.0	.wks
Microsoft Works SS for Macintosh	Spreadsheet	2.0	.wks
Microsoft Works SS for Windows	Spreadsheet	3.0, 4.0	.wks
Multiplan	Spreadsheet	4.0	.sylk
Novell PerfectWorks Spreadsheet	Spreadsheet	2.0	.wpw
OpenOffice Calc	Spreadsheet	1.1-3.0	.sdc
Oracle Open Office Calc	Spreadsheet	3.x	.sdc
Office Calc (ODF 1.2)	Spreadsheet	4.x	
PFS: Plan	Spreadsheet	1.0	
QuattroPro for DOS	Spreadsheet	Through 5.0	.wb1
QuattroPro for Windows	Spreadsheet	Through X5	.qpw, .wb3, .wb2, .wb1
Quattro Pro Win	Spreadsheet	X7	.qpw
SmartWare II SS	Spreadsheet	1.02	.def
SmartWare Spreadsheet	Spreadsheet		.def
StarOffice Calc	Spreadsheet	5.2 – 9.0	.sdc
SuperCalc	Spreadsheet	5.0	.cal
Symphony	Spreadsheet	Through 2.0	.wrk

Program/File Type	Category	Type/Version	File Extension
VP-Planner	Spreadsheet	1.0	
ANSI Text	Text and markup	7 & 8 bit	.ans
ASCII Text	Text and markup	7 & 8 bit	.asc
DOS character set	Text and markup		
EBCDIC	Text and markup		
HTML (CSS rendering not supported)	Text and markup	1.0 – 4.0	.html
IBM DCA/RFT	Text and markup		
Macintosh character set	Text and markup		
Rich Text Format (RTF)	Text and markup		.rtf
Unicode Text	Text and markup	3.0, 4.0	.txt
UTF-8	Text and markup		
Wireless Markup Language	Text and markup		.wml
Adobe Illustrator	Vector image	4.0 – 7.0, 9.0	
Adobe Illustrator (PDF Preview only)	Vector image	9.0, CS1-6	.pdf
Adobe Illustrator XMP	Vector image	11 – 13 (CS 1 - 5)	
Adobe InDesign XMP	Vector image	3.0 – 5.0 (CS 1 - 5)	
Adobe InDesign Interchange XMP only	Vector image		
Adobe PDF	Vector image	1.0 – 1.7 (Acrobat 1 - 10)	.pdf
Adobe PDF Package	Vector image	1.7 (Acrobat 8 - 10)	.pdf
Adobe PDF Portfolio	Vector image	1.7 (Acrobat 8 - 10)	.pdf
Ami Draw	Vector image	SDW	.sdw

Program/File Type	Category	Type/Version	File Extension
Apple iWork Keynote File Preview	Vector	09	.key, .key-note
Apple iWork Keynote Numbers File Preview	Vector	09	.numbers
Apple iWork Pages File Preview	Vector	09	.pages
AutoCAD Drawing	Vector image	2.5, 2.6, 9.0-14.0, 2000i-2012	.dwg
AutoCAD Drawing	Vector	2013	.dwg
AutoShade Rendering	Vector image	2	.rnd
Corel Draw	Vector image	X4 - X7	.cdr
Corel Draw Clipart	Vector image	5.0, 7.0	.cmx
Enhanced Metafile (EMF)	Vector image		.emf
Escher Graphics	Vector image		.egr
FrameMaker Graphics (FMV)	Vector image	3.0 – 5.0	.fmv
Gem File (Vector)	Vector image		.img
Harvard Graphics	Vector	98	.cht
Harvard Graphics Chart DOS	Vector image	2.0 – 3.0	.ch3
Harvard Graphics for Windows	Vector image		.prs
HP Graphics Language	Vector image	2.0	.hp, .hpg
IGES Drawing	Vector image	5.1 – 5.3	.iges
Micrografx Designer	Vector image	Version 6	.dsf
Micrografx Designer	Vector image	Through 3.1	.drw
Micrografx Draw	Vector image	Through 4.0	.drw
Novell PerfectWorks Draw	Vector image	2.0	
OpenOffice Draw	Vector image	1.1 – 3.0	.sda
Oracle Open Office Draw	Vector image	3.x	.sda
SVG (processed as XML, not rendered)	Vector image		.xml
Microsoft Visio: <ul style="list-style-type: none"> <li>■ Stencil</li> <li>■ Template</li> <li>■ Macro Enabled Drawing</li> <li>■ Macro Enabled Stencil</li> </ul>	Vector image	5.0 – 2007, 2013	.vsd

Program/File Type	Category	Type/Version	File Extension
■ Macro Enabled Template			
Visio (Page Preview mode WMF/EMF)	Vector image	4.0	.wmf, .emf
Windows Metafile	Vector image		.vmf
Adobe FrameMaker (MIF only)	Word processing	3.0 - 6.0	.mif
Adobe Illustrator Postscript	Word processing	Level 2	.eps
Ami	Word processing		
Ami Pro for OS2	Word processing		.sam
Ami Pro for Windows	Word processing	2.0, 3.0	.sam
Apache Office Writer (ODF 1.2)	Word processor	3.x, 4.x	
Apple iWork Pages (MacOS, text and PDF preview)	Word processing	09	.pages
DEC DX	Word processing	Through 4.0	.dx
DEC DX Plus	Word processing	4.0, 4.1	.dx, .wpl
Enable Word Processor	Word processing	3.0 - 4.5	
First Choice WP	Word processing	1.0, 3.0	.pfx
Framework WP	Word processing	3.0	
Hangul	Word processing	97 - 2010	.hwp
IBM DCA/FFT	Word processing		.dca, .fft
IBM DisplayWrite	Word processing	2.0-5.0	.rft, .dca
IBM Writing Assistant	Word processing	1.01	.iwa
Ichitaro	Word pro-	5.0, 6.0, 8.0 - 13.x,	.jtd

Program/File Type	Category	Type/Version	File Extension
	Word processing	2004 - 2014	
JustWrite	Word processing	Through 3.0	.jw
Kingsoft WPS Writer	Word processing	2010	.wps
Legacy	Word processing	1.1	.leg
Libre Office Writer (ODF 1.2)	Word processor	3.x, 4.x	
Lotus Manuscript	Word processing	Through 2.0	.manu
MacWrite II	Word processing	1.1	.mcw
Mail Rule DXL	Word processing		
Mass 11	Word processing	Through 8.0	.m11
Microsoft Word for DOS	Word processing	4.0 – 6.0	.doc
Microsoft Word for Macintosh	Word processing	4.0-6.0, 98 - 2016	.doc
Microsoft Word for Windows	Word processing	1.0 – 2016	.doc, .docx
Microsoft WordPad	Word processing		.rtf
Microsoft Works WP for DOS	Word processing	2.0	.wps
Microsoft Works WP for Macintosh	Word processing	2.0	.wps
Microsoft Works WP for Windows	Word processing	3.0, 4.0	.wps
Microsoft Write for Windows	Word processing	1.0 – 3.0	.wri
MultiMate	Word processing	Through 4.0	.dox
MultiMate Advantage	Word processing	2.0	.dox

Program/File Type	Category	Type/Version	File Extension
Navy DIF	Word processing		.dif
Nota Bene	Word processing	3.0	.nb
Novell PerfectWorks Word Processor	Word processing	2.0	.wpw
OfficeWriter	Word processing	4.0-6.0	
OpenOffice Writer	Word processing	1.1 - 3.0	.sdw
Oracle Open Office Writer	Word processing	3.x	.sdw
PC File Doc	Word processing	5.0	
PFS: Write	Word processing	A, B	.pfs
Professional Write for DOS	Word processing	1.0, 2.0	
Professional Write Plus for Windows	Word processing	1.0	
Q&A Write	Word processing	2.0, 3.0	.jw
Samna Word IV	Word processing	1.0 – 3.0	.sam
Samna Word IV+	Word processing		.sam
Signature	Word processing	1.0	
SmartWare II WP	Word processing	1.02	.def
Sprint	Word processing	1.0	.spr
StarOffice Writer	Word processing	5.2 – 9.0	.sdw
Total Word	Word processing	1.2	
Wang IWP	Word pro-	Through 2.6	.iwp




Program/File Type	Category	Type/Version	File Extension
	cessing		
WordMarc Composer	Word processing		
WordMarc Composer+	Word processing		
WordMarc Word Processor	Word processing		
WordPerfect for DOS	Word processing	4.2	.wpd
WordPerfect for Macintosh	Word processing	1.02 - 3.1	.wpd
WordPerfect for Windows	Word processing	5.1 – X5	.wpd
Wordstar 2000 for DOS	Word processing	1.0 - 3.0	.wsd
Wordstar for DOS	Word processing	3.0 - 7.0	(none defined)
Wordstar for Windows	Word processing	1.0	.ws1
XyWrite	Word processing	Through III+	.xy

**Note:** Program/file types listed with text only or PDF preview only can be reviewed in the Viewer as listed. If PDF preview only, a PDF file saved as part of the native will be viewed. Text only will just display the text without any formatting.

### 7.14.6 Viewer audio and video-supported file types

Relativity can stream audio and video files within the Viewer.

This document provides a comprehensive list of files types supported by the Viewer. Certain file types may not be compatible with your internet browser, refer to the sections below to learn more about browser

compatibility. Find out which Viewer version you have, by navigating to your Viewer and clicking .

See the Admin guide for more information on the Viewer.

**Note:** Relativity does not support any third-party applications after the user downloads a file. This includes specific browser and media-player combinations, such as Internet Explorer and Windows Media Player.

## 7.14.7 Troubleshooting errors

If an audio or video file cannot be streamed in the Viewer, one of the following messages will display:

### Unable to play audio stream

- Your browser may not support the audio codec.
- The native file may not have an audio stream.
- The native file may be partially corrupted.

### Unable to play video stream

- Your browser may not support the video codec.
- The native file may not have a video stream.
- The native file may be partially corrupted.

### Sorry, we're experiencing playback issues with this multimedia file.

- Ensure that you are connected to Relativity.
- Your browser may not fully support this multimedia format.
- The native file may be partially corrupted.

To resolve the error, ensure that your internet browser can play the selected file type. If that does not resolve the error, check the **MaximumNativeSizeForViewerForMediaFilesinMegaBytes** instance setting to ensure that the file type is not too big for the Viewer to stream.

## 7.14.8 Supported audio file types

**Note:** Safari works with Mac OSX only.

File Format	Container - Audio Codec	Chrome	Firefox	Internet Explorer	Safari
FI_RIFFWAVE	wave - pcm	√	√	√	
Quicktime Movie	mov - aac	√	√	√	√
Quicktime Movie	mov - vorbis	√			
MPEG Layer3 ID3 Ver 1.x	mp3 - mp3	√	√	√	
MPEG Layer3 ID3 Ver 2.x	mp3 - mp3	√	√	√	√
FI_MPGAV2L3	mp3 - mp3	√	√	√	
MPEG-4 file	mp4 - aac	√	√	√	√
MPEG-4 file	mp4 - opus	√			
MPEG-4 file	mp4 - vorbis	√			
MPEG-1 audio - Layer 3	mov - mp3	√	√		√
MPEG-1 audio - Layer 2	mp4 - mp2	√	√		

File Format	Container - Audio Codec	Chrome	Firefox	Internet Explorer	Safari
MPEG-1 audio - Layer 3	mp4 - mp3	√	√	√	
Ogg Opus	ogg - opus	√	√		
Ogg Vorbis	ogg - vorbis	√	√		

### 7.14.9 Supported video file types

**Note:** Safari works with Mac OSX only.

File Format	Container - Video Codec - Audio Codec	Chrome	Firefox	Internet Explorer	Safari
Quicktime Movie	mov - h264 - aac	√	√	√	
Quicktime Movie	mov - h264 - dolby_digital	√	√		
Quicktime Movie	mov - h264 - mp2	√	Video-only		
Quicktime Movie	mov - h264 - mp3	√	√		√
Quicktime Movie	mov - h264 - vorbis	√	√		
Quicktime Movie	mov - h264 - wma1	√	√		
Quicktime Movie	mov - h264 - wma2	√	√		
Quicktime Movie	mov - mpeg4 - aac	Audio-only	Audio-only		√
Quicktime Movie	mov - mpeg4 - mp3	Audio-only	Audio-only		
Quicktime Movie	mov - mpeg4 - vorbis	Audio-only			√
Quicktime Movie	mov - theora - aac	√	Audio-only		
Quicktime Movie	mov - theora - dolby_digital	√			
Quicktime Movie	mov - theora - mp2	√			

File Format	Container - Video Codec - Audio Codec	Chrome	Firefox	Internet Explorer	Safari
Quicktime Movie	mov - theora - mp3	√	Audio-only		
Quicktime Movie	mov - theora - vorbis	√			
Quicktime Movie	mov - theora - wma1	√			
Quicktime Movie	mov - theora - wma2	√			
MPEG-4 file	mp4 - h264 - aac	√	√	√	
MPEG-4 file	mp4 - h264 - dolby_digital	√	√		√
MPEG-4 file	mp4 - h264 - mp2	√	√		√
MPEG-4 file	mp4 - h264 - mp3	√	√	√	√
MPEG-4 file	mp4 - h264 - opus	√			√
MPEG-4 file	mp4 - h264 - vorbis	√	√		√
MPEG-4 file	mp4 - mpeg4 - aac	Audio-only			√
MPEG-4 file	mp4 - mpeg4 - mp2	Audio-only	Audio-only		√
MPEG-4 file	mp4 - mpeg4 - mp3	Audio-only	Audio-only		√
MPEG-4 file	mp4 - mpeg4 - opus	Audio-only			√
MPEG-4 file	mp4 - mpeg4 - vorbis	Audio-only			√
MPEG-4 file	mp4 - vp9 - aac	√	√		
MPEG-4 file	mp4 - vp9 - dolby_digital	Audio-only	Audio-only		
MPEG-4 file	mp4 - vp9 - mp2	√	√		
MPEG-4 file	mp4 - vp9 - mp3	√	√		
MPEG-4 file	mp4 - vp9 - opus	√			
MPEG-4 file	mp4 - vp9 - vorbis	√	√		
Ogg Theora Opus	ogg – theora - opus	√	√		
Ogg Theora Vorbis	ogg – theora - vorbis	√	√		
Ogg VP8 Opus	ogg – vp8- opus	√	Audio-only		

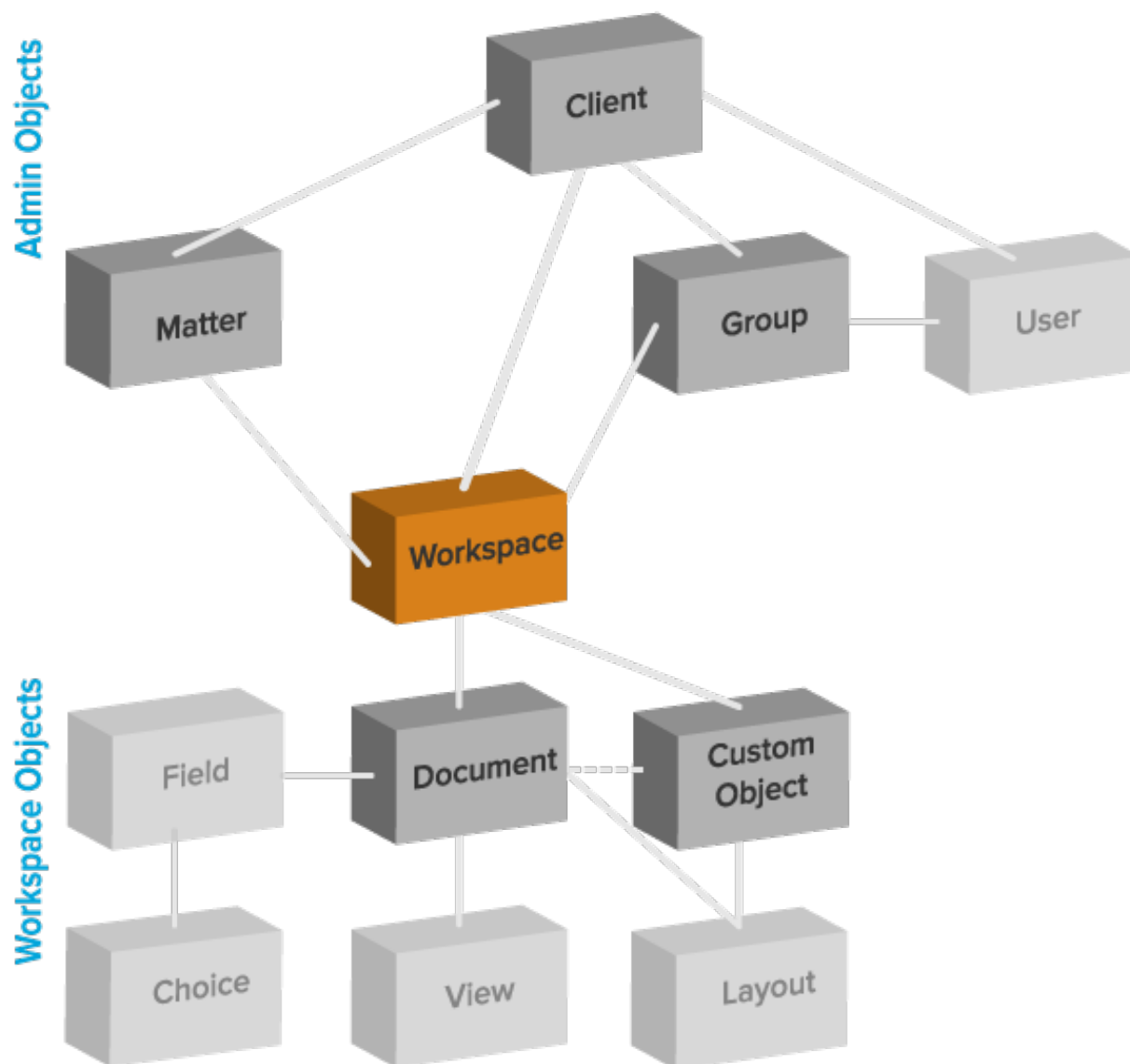
File Format	Container - Video Codec - Audio Codec	Chrome	Firefox	Internet Explorer	Safari
Ogg VP8 Vorbis	ogg – vp8 - vorbis	√	Audio-only		

## 8 Workspaces

In Relativity, a workspace provides a secure data repository for documents used in cases or for applications developed with dynamic objects. You can store all types of documents, such as productions, witness testimony, and so on, in a workspace to facilitate searching, organizing, and categorizing content. In addition, you can use granular security settings to grant or deny permissions to specific content stored in the workspace.

At the workspace level, you can also define views, layouts, fields, and choices. These features streamline workflows, as well as simplify the processes for organizing and categorizing content. Views support filtering on item lists, while layouts, fields, and choices are used for categorizing documents.

# Relativity Framework



## 8.1 Viewing workspace details

On the Workspace Details tab, Relativity displays read-only workspace fields, history information, Relativity Utilities console, Production Restrictions, and the Workspace Admin Group field. You can update the Production Restrictions field when you edit a workspace. See [Workspaces on the previous page](#).

**Workspace Details** | Search Indexes | Object Type | Fields | Choices | Field Categories | Layouts | Views | Tabs | Relativity Applications | More ▾

[Edit](#) [Delete](#) [Back](#) [View Audit](#)

**Workspace Information** | Advanced Settings | Record History

<b>Name</b>	Documentation Team Workspace
<b>Matter Number</b>	888
<b>Matter</b>	Documentation Team
<b>Client Number</b>	888
<b>Client</b>	Documentation Team

**RELATIVITY UTILITIES**

System Section

- [Manage Workspace Permissions](#)
- [Manage System Keyboard Shortcuts](#)
- [View Another User's Personal Items](#)
- [Migrate to Cold Storage](#)

Relativity Downloads

- [Relativity Desktop Client](#)

**Note:** Once a workspace is created, only System Administrators and Client Domain Administrators can make updates to the Matter object. Even users with full permissions for Matters and Clients will not have the ability to modify this object unless they are System Administrators or Client Domain Administrators.

## 8.2 Migrating and retrieving workspaces to and from cold storage

### 8.2.1 Migrate workspaces to cold storage

You must have the security permissions to edit the workspace and the Admin Operation called *Manage Cold Storage* to migrate workspaces to cold storage.

To migrate workspaces to cold storage, follow these steps:

1. Navigate to the **Workspace Details** tabs.
2. Click **Migrate to Cold Storage** in the Relativity Utilities console. The Cold Storage Confirmation dialog box displays.

**RELATIVITY UTILITIES**

System Section

- [Manage Workspace Permissions](#)
- [Manage System Keyboard Shortcuts](#)
- [View Another User's Personal Items](#)
- [Migrate to Cold Storage](#)

Relativity Downloads


- [Relativity Desktop Client](#)



- Click **Migrate Workspace** to migrate the workspace to cold storage.

**Note:** Migrating a workspace to cold storage is immediate and will not affect any potential client related due date charges.

### Cold Storage Confirmation



By confirming, you won't be able to access this workspace without retrieving it from Cold Storage. Your Service-level Agreement on Cold Storage Retrieval determines how long this process takes.

Are you sure you want to migrate this workspace to Cold Storage?

**Workspace Summary**  
Document Count: 98496  
File Size (GB): 544.65

Migrate Workspace
Cancel

- The Storage Status column on the workspace view displays the status of the workspace as *Cold Storage*.

#	Pin	Name	Case Artifact ID	Status	Client Name	Matter Name	Resource Pool
308		Rundale Test	8639838	Active	RelativityOne Client	RelativityOne Matter	RelativityOne Pool
309		ROSE_Workspace	7663153	Active	UtopianTest	UtopianTest	RelativityOne Pool
310		RVG Processing	9345359	Active	Relativity	Relativity	RelativityOne Pool
311		RVG Test	1181014	Active	RelativityOne Client	RelativityOne Matter	RelativityOne Pool
312		RVG Test	8801233	Active	RelativityOne Client	RelativityOne Matter	RelativityOne Pool
313		Salt vs. Pepper	10982694	Cold Storage	Relativity Template	Relativity Template	RelativityOne Pool
314		Sample Workspace	9540302	Active	Sample Client	Sample Matter	RelativityOne Pool
315		Sample Workspace	10599961	Active	Sample Client	Sample Matter	RelativityOne Pool
316		Test Workspace	10599965	Active	Sample Client	Sample Matter	RelativityOne Pool
317		UWS	10599997	Active	Sample Client	Sample Matter	RelativityOne Pool

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**Notes:**

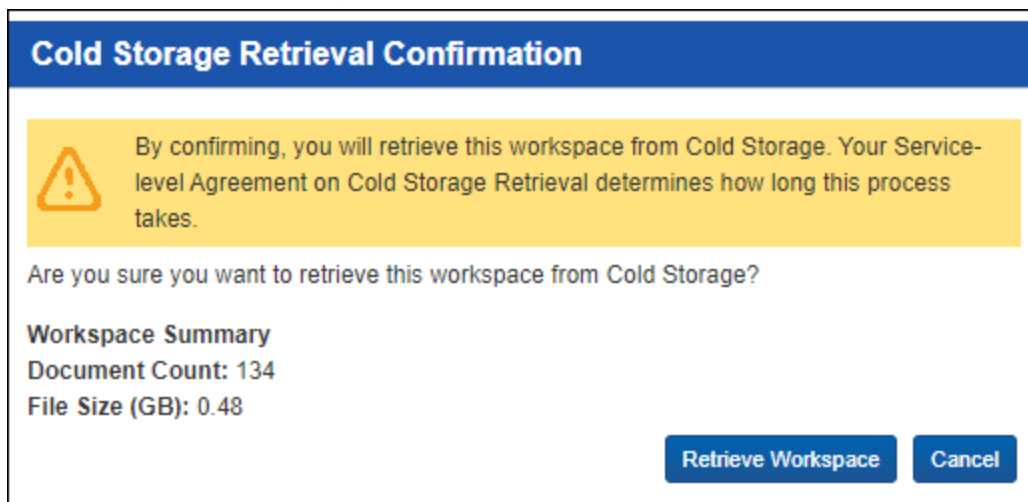
- A workspace in cold storage cannot be used as a template.
  - A workspace in cold storage cannot be used by RDC or Integration Points.
  - A cold storage Workspace will be considered an active standard workspace for billing purposes in any calendar month where it is accessed. This includes accessing the cold workspace through Relativity APIs or for auditing or reporting purposes.
  - Workspaces in cold storage can be archived directly using ARM without having to be moved to an active state before archiving. See the ARM content on the RelativityOne documentation site for more information.
- 

## 8.2.2 Retrieve workspaces from Cold Storage

You must have the security permissions to edit the workspace and the Admin Operation called *Manage Cold Storage* to retrieve workspaces from cold storage.

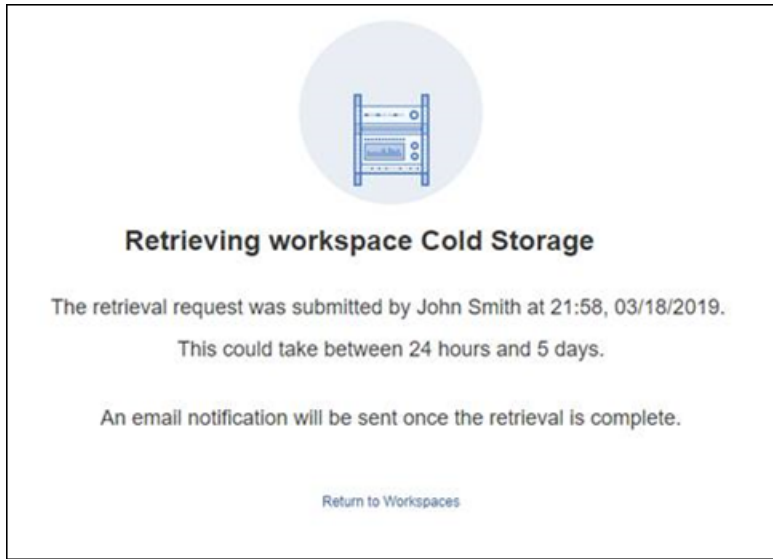
To retrieve workspaces from cold storage, follow these steps:

1. Navigate to the **Workspaces** tab.
2. Click the workspace name of the workspace you want to retrieve from cold storage. The Cold Storage Retrieval page displays.
3. Click **Retrieve Workspace** to retrieve the workspace from cold storage. The Cold Storage Retrieval Confirmation pop-up displays.



4. Click **Retrieve Workspace** to retrieve the workspace from cold storage. The Cold Storage Retrieval

confirmation page displays.



---

#### Notes:

- Workspace retrievals are not instantaneous, after clicking **Retrieve Workspace**, it could take between 24 hours and 5 days to resume operations in that workspace.
  - The user who sent the retrieval request will receive an email notification once the retrieval of the workspace is complete.
  - **Cold Storage Case Retrieval Agent** needs to be present and running for workspaces to be retrieved from cold storage.
  - Migration and retrieval actions are audited.
  - You can archive workspaces in cold storage directly using ARM without having to be moved to an active state before archiving. See the ARM content on the RelativityOne documentation site for more information.
- 

## 8.3 Workspace admin group

A system admin can assign any group in Relativity to have full admin rights over a particular workspace. A workspace admin has full control over all objects within the workspace, but members of the group do not have the script permissions available only to system admins.

Use the following steps to set a designate a workspace admin group:

1. Click **Edit** on the **Workspace Details** tab.
2. Click **Select** in the **Workspace Admin Group** field.
3. Select the group you want to set as the workspace admin group.
4. Click **Ok**.

---

**Note:** You can only designate one group per workspace as a workspace admin group.

---

## 8.4 Document and item list navigation

The workspace offers several ways to view documents and items. Using the Browsers panel, you can navigate from folder to folder to see the documents contained within each. The Document Preview panel allows you to view specific documents from the document list. Additionally, you can also sort and filter the document or item list based on any fields in the current view or using the search panel.

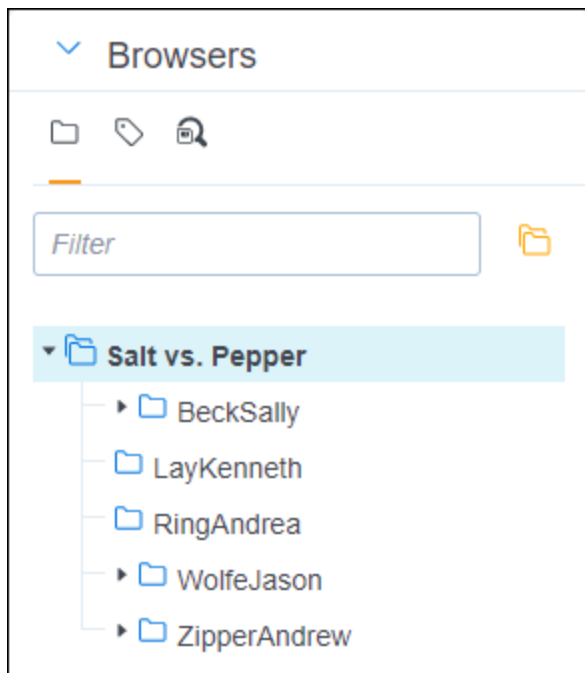
### 8.4.1 Browsers panel

The Browsers panel is located on the left side of the workspace. Depending on your permissions, you may not see the Browsers panel.

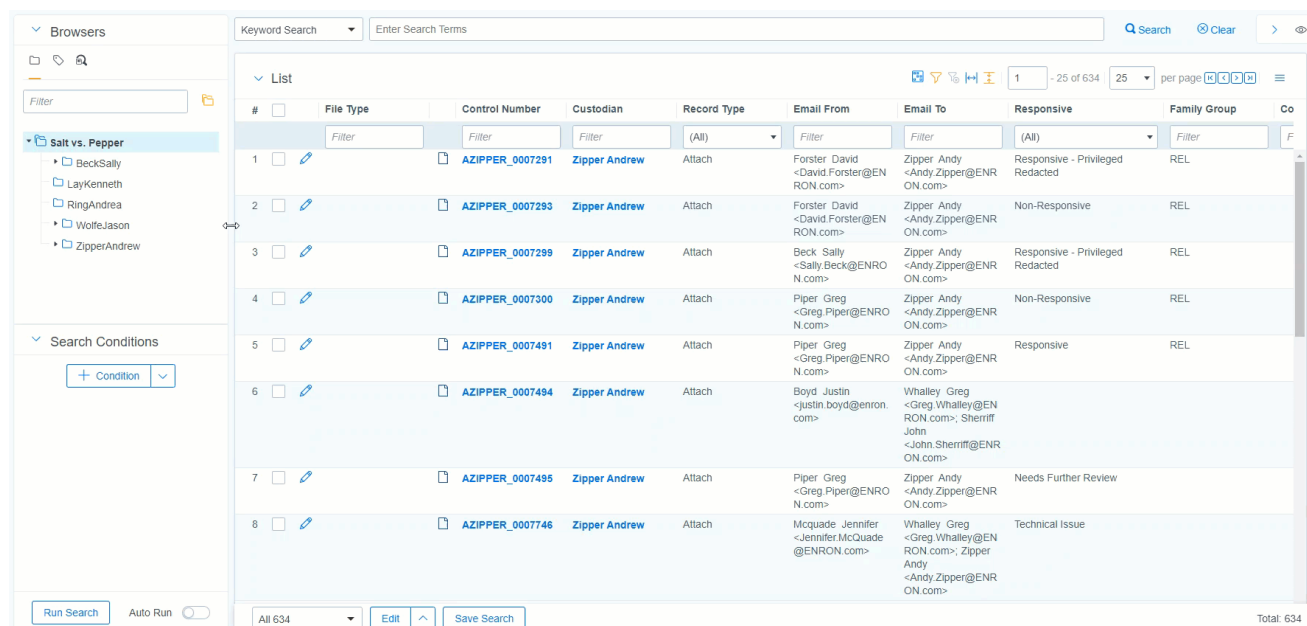
The Browsers panel may contain the following options for browsing through your documents:

- Folders
- Field Tree
- Saved Searches

No matter which of these options you use, there are several display options you can use to customize your workspace.



The Browsers panel opens by default. Hide or expand the Browsers panel by clicking the carrot to the left of Browsers. If both the Browsers and Search Conditions panels are hidden, click on the Browsers icon to display it. You can also re-size the Browsers panel by hovering over the line separating the panel from the other panel or document list until the line is highlighted. You may then click-and-drag the line to the desired dimensions.



#### 8.4.1.1 Document browser menu

The Document browser menu is located directly below the Browsers panel. Click on one of the menu's options to display that mode of the browser:

Icon	Name	Description
	Folders	Navigate the folder hierarchy for your workspace.
	Field Tree	Browse your documents according to how they were coded or grouped.
	Saved Searches	Create a new search, or browse previously saved searches. See Saved Search in the Searching Guide.

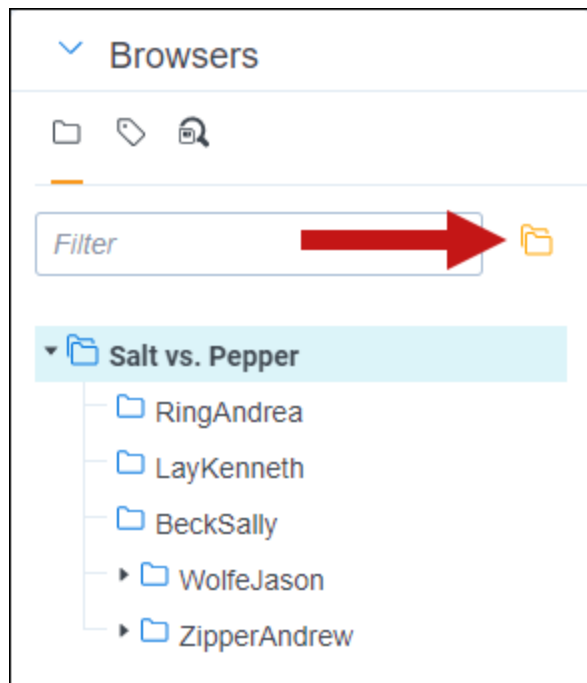
#### Folders

Click on the **Folders** icon to navigate the folder hierarchy for your workspace. The folder structure is set when documents are imported. It can be based on the document's source, or according to a folder structure set by your Relativity administrator. Clicking on a folder displays that folder's documents in the document list.

**Note:** To ensure stable performance, we recommend creating no more than 250,000 folders in a workspace and having 15 sub-folders or less within each folder.

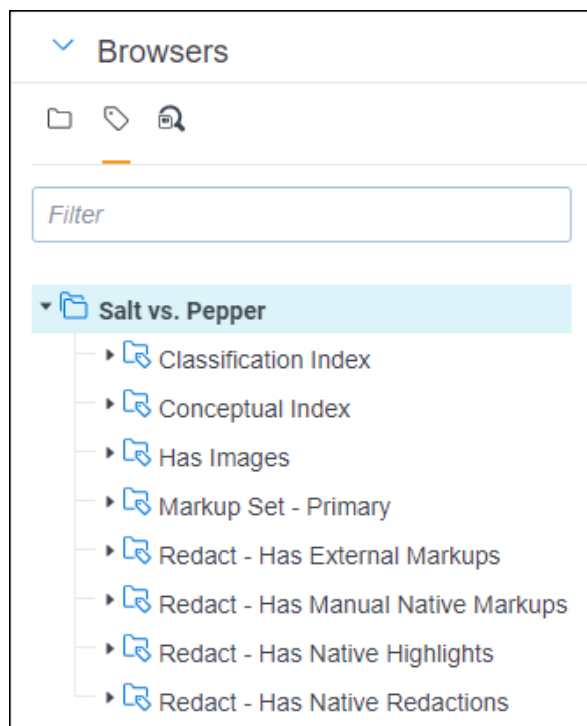
A folder often has multiple sub-folders. Click on the folder to view the sub-folders. Click on the arrow next to the folder to hide the sub-folders.

To change the folder scope, click on the **This folder and subfolders** or **Only this folder** icon.



### Field tree

Click on the **Field Tree** icon to display the field tree in the browser. Selected single and multiple-choice list fields and their choices appear in a tree structure.

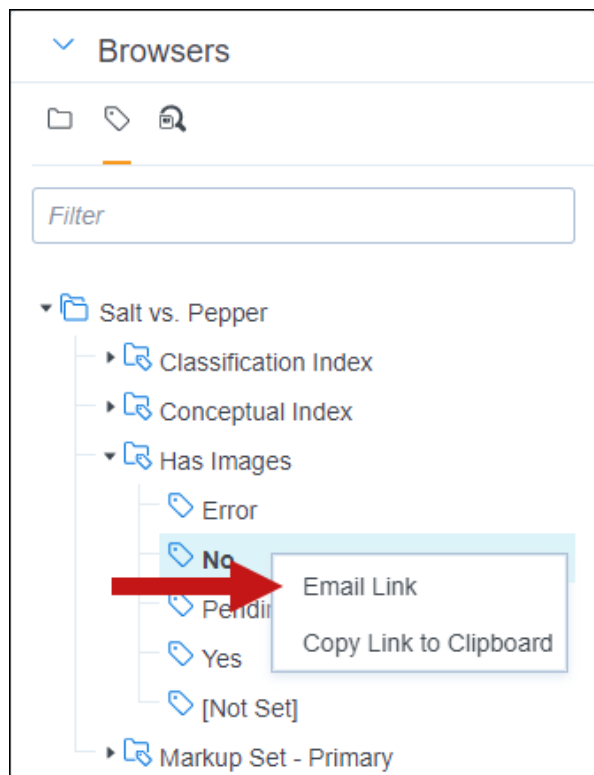


Each single and multiple-choice field has its own choice folder in the field tree. The field's choices appear as sub-folders. Each field also has a [Not Set] choice, which displays null values for the field.

You can click on a choice in the field tree to display all the documents in the document list that have the selected choice value and meet the criteria of the active view.

### Sending email links to choices

You can send an email with a link to a view that contains the choice, a choice folder, or the document list that appears when the field tree is open. In the field tree, right-click on a choice or a choice folder and select the **Email Link** option.



The subject line of the email pre-populates with the following text: Relativity Review - <Workspace Name> - <Choice Name: Value>. If you send an email link to a choice folder, the subject line displays the folder name instead of choice name and value.

When the recipient clicks on the link, the documents associated with the choice or folder appear in the document list. If the recipient does not have required permissions for the choice folder or field associated with the choice, a permissions denied message displays instead.

Alternatively, you can select **Copy Link to Clipboard** to copy a link to a view that contains the choice, a choice folder, or the document list that appears when the field tree is open.

## 8.4.2 View bar

The View bar consists of the following elements:



- **New documents**—click to upload new documents using Simple File Upload. If the Transcripts application is installed in this workspace, this icon is replaced with a drop-down menu that allows you to choose between uploading a new document or a new transcript.


- **Views drop-down menu**—click to select a view.
  - **New view**—click to create a new view from within the view drop-down menu. This icon only displays if you have permission to add a new view. If the icon is not present, contact your Relativity administrator to add a view.
  - **Edit view icon**—click to edit a view that displays within the view drop-down menu. This icon only displays if you have permission to edit the view. If the icon is not present, contact your Relativity administrator to edit the current view.
- **Include Related Items drop-down menu**—returns documents related to the documents currently in the view. The options vary by workspace, but may include email family groups, duplicates, or similar documents.
- **Add Widget**—click to add a custom widget to your document list dashboard.
- **Dashboard drop-down menu**—select a custom dashboard to view in the document list. See Dashboards in the Navigation section of the Admin Guide for more information.
  - **New view**—click to create a new dashboard from within the dashboard drop-down menu. This icon only displays if you have permission to add a new dashboard. If the icon is not present, contact your Relativity administrator to add a dashboard.
  - **Edit dashboard icon**—click to edit a dashboard that displays within the dashboards drop-down menu. This icon only displays if you have permission to edit the dashboard. If the icon is not present, contact your Relativity administrator to edit the current dashboard.
- **Export Dashboard**—click and select a dashboard widget to download to your workstation as an editable Excel file. See Dashboards in the Admin Guide for more information.

For more information, see the Views chapter of the Admin guide.

### 8.4.3 Document Preview panel

The Document Preview panel allows you to view documents similarly to the Viewer, while remaining on the document list. This allows you to filter the document list as desired and view the results without leaving the Documents tab. You can view and navigate through highlight hits for any previously created persistent highlight sets as well. However, you cannot search or create search terms in the Document Preview panel. Additionally, searching for terms in the document list will not create highlights in a document you are viewing in the Document Preview panel.

To access the Document Preview panel, the **EnableDocumentPreview** instance setting should be set to

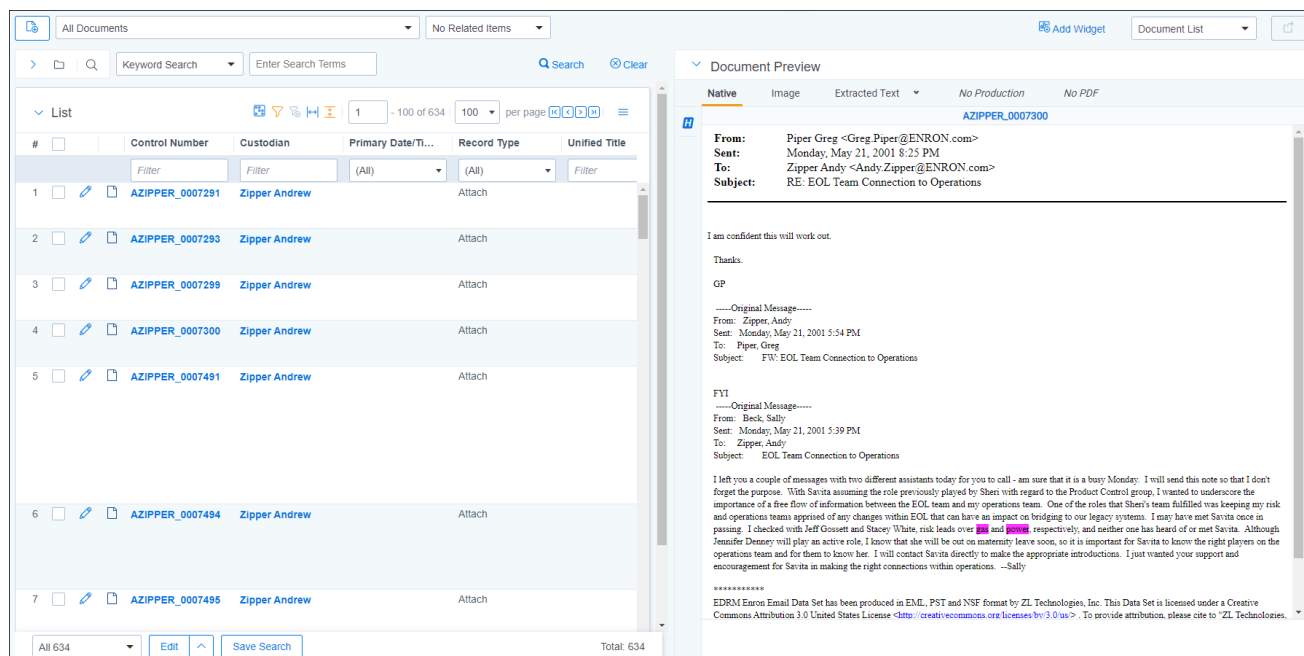
True. The Show Document Preview Panel icon  will then display in the upper-right. Additionally, users must have the **Document Preview** permission in Other Settings assigned to use this feature.

---

**Note:** The Document Preview panel does not support viewing hidden content, creating or modifying markups, or editing coding decisions. Open the document in the Viewer instead to perform these tasks.

---





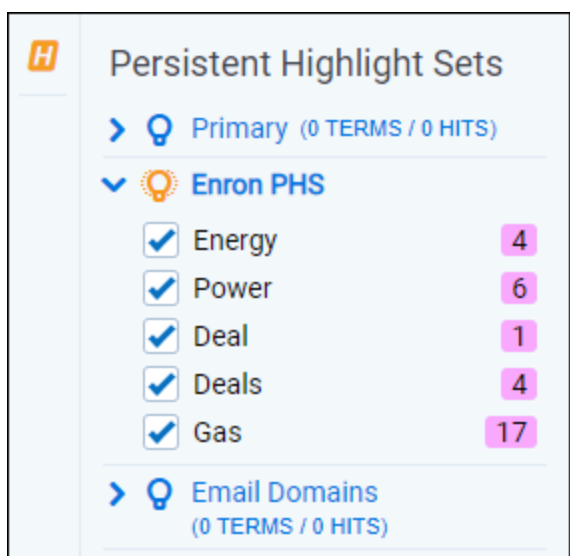
#### 8.4.3.1 Navigating the Document Preview panel

The Document Preview panel can be re-sized at any time by clicking on the edge of the panel and dragging your cursor to the desired size.

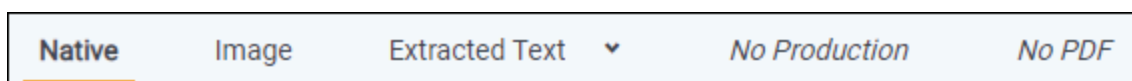
The Document Preview panel can be moved from the right or left side of the document list to the other side as well. To move the preview panel, click in the upper-left corner and drag the window to the blue strip on the other side of the screen.

The following options are available in the Document Preview panel:

- **Persistent Highlighting**—displays or hides a panel containing any persistent highlight sets in the workspace. Only terms that are in the current document will display in the pane. Additionally, you can control which highlights display in the current document by clicking on either the persistent set to only display highlights from that set or you can click on a specific term to only see that term highlighted in the document.



- **Document preview panel Viewers**—click on the name of the Viewer in which you would like to view the document. Viewer names that are displayed in black indicate that the document is available for viewing. The Viewer that is currently open is bold with an orange underline underneath the name. If a name appears in italics, that Viewer is not available for the current document.










- **Markup set**—displays the active markup set in a drop-down menu. Choose a markup set from the drop-down menu to make a different set active. This menu only appears when viewing a document in the Image Viewer of the Document Preview panel.
- **Page navigator**—use any of the following options to help you navigate the pages in the document you are previewing:

Option	Description
	Click to move to the first page in the document.
	Click to move to the previous page in the document.
	Click to move to the next page in the document.
	Click to move the last page in the document.

#### 8.4.4 Item list

The item list contains items as well as navigational and other controls for working with the list.

Icon	Description
 Freeze/Un-freeze columns	Click the blue snowflake icon to refreeze columns that were most recently frozen. If the icon is orange, click it to unfreeze the columns. This option only displays if you have already frozen a column this session.
 Sampling	If you have proper permissions, clicking the Sampling icon lets you create random sample sets from the item list using three different methodologies from the pop-up menu that appears.
 Show/Hide filters	Click the blue filter icon to show filters for columns in the item list. Click the orange icon to hide them.
 Clear filters	Click the blue clear filter icon to clear any filters applied to the item list.
 Reset column sizes	Click the blue Reset column sizes icon to return to the original settings for the columns.
 Turn Grid style on/off	Click the blue grid icon to turn grid style on. This shrinks the row padding and alternates row shading to make your data more compact and easier to read. Click the orange icon to turn grid style off.
	Use these navigational controls to navigate the pages in the document list.

The fields that appear in the item list are based on the selected view, which you can edit. You can also edit a view to rearrange the order that the columns display. Contact your Relativity administrator to change the fields in your view.

To change a column's size, hover over the white line at the edge of the column header. A double arrow appears, indicating that you can resize the column. Drag it in either direction to adjust the column width. The other columns on the page automatically adjust to fill the rest of the window. Column data can be cut off. If you wish to return to the original settings click the **Reset Column Sizes** icon.

▼ List

1 - 25 of 634 25 per page

#	Control Number	Custodian	Record Type	Email From	Email To	Responsive	Family Group
1	<a href="#">ZIPPER_0007291</a>	Zipper Andrew	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted	
2	<a href="#">ZIPPER_0007293</a>	Zipper Andrew	Attach	Forster David <David.Forster@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive	REL
3	<a href="#">ZIPPER_0007299</a>	Zipper Andrew	Attach	Beck Sally <Sally.Beck@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive - Privileged Redacted	REL
4	<a href="#">ZIPPER_0007300</a>	Zipper Andrew	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Non-Responsive	REL
5	<a href="#">ZIPPER_0007491</a>	Zipper Andrew	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Responsive	REL
6	<a href="#">ZIPPER_0007494</a>	Zipper Andrew	Attach	Boyd Justin <justin.boyd@enron.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Sherriff John <John.Sherriff@ENRON.com>		
7	<a href="#">ZIPPER_0007495</a>	Zipper Andrew	Attach	Piper Greg <Greg.Piper@ENRON.com>	Zipper Andy <Andy.Zipper@ENRON.com>	Needs Further Review	
8	<a href="#">ZIPPER_0007746</a>	Zipper Andrew	Attach	McQuade Jennifer <Jennifer.McQuade@ENRON.com>	Whalley Greg <Greg.Whalley@ENRON.com>; Zipper Andy <Andy.Zipper@ENRON.com>	Technical Issue	

All 634 Edit Save Search

Total: 634

#### 8.4.4.1 Freeze and unfreeze columns in a list

When viewing and interacting with items in a list, you can freeze one or more columns so that they are locked in place which allows you to scroll to the right and view any columns in the list side-by-side with the frozen columns.

Salt vs. Pepper

Workspace Admin Choices ☆

Search Indexes Object Type Field Categories Choices Layouts Views Tabs Relativity Applications Audit Migration Reports Audit Workspace Settings User Status

> Q New Choice All Document Choices

1 - 100 of 918 100 per page

#	Object Type	Field	Name	Order	Sort Choices	Artifact ID	Created By	Created On	Full Path	Highlight Color	Keyboard Shor...
1	Document	AL Designation	Relevant	100	Sort Top Level Choices	1047378	Service Account, Relativity	9/11/2019, 8:24 PM	Relevant	Green	
2	Document	AL Designation	Not Relevant	200	Sort Top Level Choices	1047379	Service Account, Relativity	9/11/2019, 8:24 PM	Not Relevant	Green	
3	Document	Confidential	Confidential	10	Sort Top Level Choices	1038091	Service Account, Relativity	9/11/2019, 8:24 PM	Confidential	Green	
4	Document	Confidential	Highly Confidential	20	Sort Top Level Choices	1038092	Service Account, Relativity	9/11/2019, 8:24 PM	Highly Confidential	Green	
5	Document	Confidential	Attorneys' Eyes Only	30	Sort Top Level Choices	1038093	Service Account, Relativity	9/11/2019, 8:24 PM	Attorneys' Eyes Only	Green	
6	Document	Confidential	Confidential Subject to Protective Order	40	Sort Top Level Choices	1038094	Service Account, Relativity	9/11/2019, 8:24 PM	Confidential Subject to Protective Order	Green	
7	Document	Confidential	Highly Confidential Subject to Protective Order	50	Sort Top Level Choices	1038095	Service Account, Relativity	9/11/2019, 8:24 PM	Highly Confidential Subject to Protective Order	Green	
8	Document	Custodian - Single Choice	Andrew Zipper	100	Sort Top Level Choices	1169539	Lanter, Jeff	4/22/2021, 4:19 PM	Andrew Zipper	Green	
9	Document	Custodian - Single Choice	Bill Williams	200	Sort Top Level Choices	1169540	Lanter, Jeff	4/22/2021, 4:19 PM	Bill Williams	Green	
10	Document	Custodian - Single Choice	Alexis Farrell	300	Sort Top Level Choices	1169541	Lanter, Jeff	4/22/2021, 4:19 PM	Alexis Farrell	Green	

All 918 Copy

Total: 918

To freeze a column or columns, do the following:


1. In the right-most column that you wish to freeze, hover your cursor over the column's title and click on the ellipses.
2. Select **Freeze Columns**.  
The column, or columns, to the left of the one you selected are frozen and will remain static as you scroll to the right and left in the list.

---

**Note:** Once you have frozen a column or columns, you can freeze additional columns to the right of the frozen columns by repeating steps 1-2.

---

To unfreeze a column or columns, do either of the following:

- Hover your cursor over the right-most frozen column, click on the ellipses, and select **Unfreeze Columns**.
- Click the unfreeze column  icon in the upper-right section of the list.

#### 8.4.4.2 Copy column values

You can copy up to 10,000 values in a single column to clipboard. If you would like to copy more than 10,000 columns, we recommend using Mass export to file.

To copy column values:

1. In the column that you wish to copy, hover your cursor over the column's title and click on the ellipses.
2. Select **Copy column values**.  
A modal displays the total number of column values that were successfully copied to clipboard.

#### 8.4.4.3 Saving a search from the Documents tab

You can save the conditions you have currently set up for the item list as a new search using the Save Search button located next to the mass operations bar at the bottom of the item list.

#### 8.4.4.4 Previewing a document

If you hover your mouse pointer over a record's file icon, you can click to open a pop-up viewer showing the record.

---

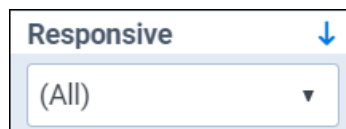
**Note:** If your item list does not contain the file icon, contact your Relativity administrator to add it.

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#### 8.4.4.5 Sorting

You can use any field in the view to sort all of the results in an item list.

Click any field heading once to sort the items in that field in ascending order, alphabetically. A down arrow appears next to the heading name, as in the Responsive field below. Click a second time to sort the items in descending order, alphabetically. An up arrow appears. Clicking the field name a third time clears the sort and returns the field to its original order.



If you are not able to sort a particular field, contact your administrator to make sure the field has the Sort option set to Yes.

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