



About Search Results

3DSearch looks for content across the entire **3DEXPERIENCE** platform including 3DSwym, 3DDrive, 3DDashboard (on the cloud only), and collaborative spaces.

This page discusses:

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Which Results Do You See

Important: Search results are based on an index.

- On premises only: The Administrator must schedule the indexing frequency.
On the cloud only: Content is always indexed for better performance.
- Every time data is created or modified on the platform, the indexing starts and updates the timestamp. If not, the timestamp remains as is, indicating the last index generation.
- If you do not see the results that you are expecting, click **My recent content** to see your content created since the last index generation. For more information, see [Using My Recent Content](#).
- Search results include only the indexed content that you are allowed to see, based on your granted user roles and shared access. Some roles let you search for content outside of the platform, such as on the internet or intranet. The 3DSwymer and Collaborative Industry Innovator roles do not let you search outside of the **3DEXPERIENCE** platform.
- **3DEXPERIENCE** platform Administrators can search for **Pending** users (that is, users invited to join the **3DEXPERIENCE** platform, but have not accepted the invitation yet). This behavior is normal.

For...	in Search Results...
All objects or files	<ul style="list-style-type: none">◦ Dates depend on the user's settings for Display date format. For more information, see Changing the Search Settings. <p>Note: To save place in Tiles, Thumbnails, and Textual Tiles views, the Search Results panel shows:</p> <ul style="list-style-type: none">▪ Hour information only (hours, minutes, seconds) for results having less than 24 hours.▪ Date information only (year, month, day) for other results.

For...	in Search Results...
	<p>The tooltip and the Datagrid view always show the complete date information with date and hour.</p> <ul style="list-style-type: none"> For attributes related to magnitude (size, measure, weight, etc.) 3DSearch shows values with their units of measure. If there are objects for which you have a <code>showonly</code> access, the Search Results panel shows the attributes that you are allowed to see only. For restricted attributes, it shows No Access messages. The index tokenization supports fuzzy full-text search. For example, 3DSearch interprets the query <code>aa-bb cc</code> as <code>(aa AND bb AND cc) OR text:(aa-bb cc) OR textbw: (*aa-bb cc*)</code> (where 3DSearch tokenizes <code>text</code> fully, and does not tokenize <code>textbw</code>.) Yet, the ranking mechanism shows the most exact match first. <code>aa-bb cc</code> appears first and all other permutations of <code>aa</code>, <code>bb</code>, <code>cc</code>, appear after it in the search results.
3D objects	<ul style="list-style-type: none"> For a 3D part, only the 3D part product is visible in search results. The aggregated shape is not visible. <p>Note: Aggregated representations, which are in Draft maturity state, are searchable and accessible to all users.</p> <ul style="list-style-type: none"> The display of 3D object thumbnails depends on the deployment context: <ul style="list-style-type: none"> On-premises, 3DSearch shows thumbnails for 3D shape and 3D part objects. On the Cloud, 3DSearch shows thumbnails for 3D shape objects and assemblies. <p>When 3DSearch cannot calculate 3D object thumbnails, search results show the icons of their corresponding object types as a fallback solution.</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>Important: 3D part thumbnails show the associated geometry. If there is no geometry, 3DSearch shows empty thumbnails.</p> </div>
3DSwym and 3D Space objects	<p>3DSearch uses approximation expansion to find words that are lexicographically similar to other words. It is useful for full-text search to correct user queries with typos and also find very similar objects.</p> <p>For example, if your query is <code>snap3</code>, you also get results for <code>snap</code>, <code>snap2</code>, <code>snap4</code> etc.</p> <p>3DSearch also uses approximation to find words from labels that contain the entered word.</p> <p>For example, if your query is <code>corpo</code>, you also get results for labels containing <code>corporation</code>, <code>reincorporate</code>, etc.</p> <p>Note: Approximation does not work for 4 letter words. For example, if you search for <code>wite</code> instead of <code>with</code>, 3DSearch does not return search results. This is an Exalead CloudViewdefault behavior.</p>

For...	in Search Results...
3D Space attachments	<p>For 3D Space, 3DSearch indexes the attached file content for files of type: pdf, xls, zip, ppt, doc, txt, docx, xlsx, pptx, and msg.</p> <p>When you launch a full-text search in the 3DEXPERIENCE platform, 3DSearch searches through all attached documents automatically.</p>
External sources like DropBox, Google Drive, OneDrive	<p>If you do not authenticate on external drives, 3DSearch does not take them into account, and does not show the search results you might expect.</p> <p>Note: 3DSearch manages the connection to each source once per user session. Therefore if your connection to an external source changes, it is only reflected after your next user session.</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>Warning: 3DSearch cannot compute thumbnails for Google Drive and Dropbox files (for example, PDF, Excel, PPT, DOC, or image). Therefore, it cannot show thumbnails for search results coming from these sources.</p> </div>
Content published in communities	<p>Search behaves differently depending on the selected language. For example, a query with the article "a" or the preposition "at" gives different results. These are stop words in English but not in Chinese.</p>

Possible Errors

You can see most of the errors that may occur:

- In the center of the search result panel if they are linked to multiple sources.
- Across the user interface (that is, in the search dropdown, on the **Search Results** panel, on the 6WTags panel, etc.) if they are specific to only one source. For example:
 - When your query returns too many results for the server to handle, the server returns only those under the maximum limit of results. For example, if the server limit is at 100,000 and the server finds 150,000 results, 3DSearch returns only the first 100,000 results. This behavior also applies to the Advanced Search mode.
 - When your search queries returns more than 100,000 results or 20,000 matching terms, the following error message appears: **Your search appears to be too broad to [find all relevant results|display all relevant tags]. Please refine your search request.**

You might also notice errors in the result count shown in the user interface:

- When the security is not 100% indexed, the number of objects returned by 3DSearch is not valid.
- Sometimes the **Search Results** panel count does not match the result count shown in the 6WTags. This might occur when results come from external sources, like Dropbox, Google Drive or OneDrive, as their APIs do not provide the result count. 3DSearch therefore increments the count when you scroll through the result list.

Behavior when You Open Results

Clicking a search result hyperlink has 2 different behaviors:

- If the item supports "direct open", clicking the hyperlink directly opens the item in the app handling it. For example, 3DSwym items open in 3DSwym standalone, 3DDashboard items open in 3DDashboard, 3DDrive items open in the 3DDrive application in 3DDashboard, etc.
- If the item does not support "direct open", clicking the hyperlink opens the preview.

Highlighting and Snippets

Highlighting

Search results highlight query terms for 3DSwym, 3DDrive, and 3D Space data sources.

Highlighting works for certain information only, that is, Title, Responsible, and Community (3DSwym content only).







Warning:

- If the query words contain special characters, highlighting may not work. This is not a limitation. The underlying Exalead CloudView search engine interprets several special characters as separators. For more information, see [About Special Characters](#).
- For the moment, 3DSearch does not support highlighting for Chinese, Japanese, and Korean languages.
- Highlighting does not work for queries containing a single character only. Since 3DSearch tokenizes many characters as separators by default, it may not highlight a short query made with one letter surrounded by separators either.

Snippets

Search results also show snippets that give you the context of each hit through object attributes.

For...	in Search Results...
Community posts	<p>You see snippets for the following attributes corresponding to ds6w predicates: <code>type</code>, <code>owner</code> (for the hit owner/publisher), <code>community</code> (the community in which the document/object was posted), <code>modified</code>.</p> <p> How can I create a Post?</p> <p> Question Community: Getting Started 12:32:07 PM</p> <p>How can I create a Post or any other content type such as Question, Idea? You can start typing the post title, text, or attach media to your content. For more formatting options, switch to the advanced editor.</p>
3D Space items	<p>You see snippets for the following attributes (corresponding to ds6w predicates): <code>type</code>, <code>revision</code>, <code>status</code>, <code>owner</code> (for the hit owner/publisher), <code>modified</code>, <code>project</code>, <code>dataSource</code>.</p> <p>In Textual Tile View and Tile View, you also see content from the <code>snippet</code> ds6w predicate, which may include, for example, highlighted text, or the existing tags.</p>

For...	in Search Results...
	<p>When the 3D Space item does not have any snippet, you see its identifier and, if available, its description.</p> <p>The example below shows the identifier</p> <div><div></div><div>ENGINEERING ROOT MGS 206CAR</div><div></div><div>Physical Product Revision: A.1 Maturity State: In Work Benaissa BOUKHARI 3:25:11 PM 3DS Private Collab Space Collaborative Spaces prd-JLRTTests-00001105</div></div>





Note: Snippets do not work for large files. For example, when a PDF document exceeds 100 pages, 3DSearch generate snippets for the beginning of the document only. This is an Exalead CloudView limitation.






Search Result Options





In the **Search Results** panel, you can access several options by clicking  or right-clicking the result.




Notes:

- This feature is only available on desktop screens with a resolution width above 700 px, and on tablets with a screen resolution above 700 px when used in landscape orientation.
- In Mobile view, 3DSwym objects have no options. You can just click to open them.

Option	Description
 Relations	Opens the Relational Explorer panel, which shows all related objects graphically.
 Add Tag	<p>Opens the Add tag dialog box to add a user tag on the selected objects. You can enter a new tag name or, select suggested tags (3DSearch suggests Community tags and Vocabulary tags, if they are available for all selected objects).</p> <div><p>Important: This command is available in 3DSearch only for platforms supporting contextual actions in Search results (web apps, desktop apps, and POWER'BY).</p></div>
 Download	<p>Downloads the file to the download folder that is defined in the Collaboration for Microsoft preferences.</p> <p>Notes: This option requires all of the following:</p> <ul style="list-style-type: none">◦ Collaboration for Microsoft is installed and configured on your platform.◦ You have the Collaborative Industry Innovator license role.◦ You have selected Enable Collaboration for Microsoft in the search settings. For more information, see Changing the Search Settings.◦ The search result is a 3D Space document.
 Edit	<p>This option does either of the following:</p> <ul style="list-style-type: none">◦ Locks the document and downloads the file to your computer. Not available if someone else has locked the document.◦ When working with Collaboration for Microsoft: Checkouts the file from the document object to the download folder that is defined in the Collaboration for Microsoft preferences, and

Option	Description
	<p>opens the file in the corresponding Microsoft Office application.</p> <p>Notes: This option requires all of the following:</p> <ul style="list-style-type: none"> ■ Collaboration for Microsoft is installed and configured on your platform. ■ You have the Collaborative Industry Innovator license role. ■ You have selected Enable Collaboration for Microsoft in the search settings. For more information, see Changing the Search Settings. ■ The search result is a 3D Space document.
 Update	<p>Only shows if you previously selected Edit for the document. Lets you upload the edited file. The app creates a new version of the file and removes the lock from the document:</p> <ol style="list-style-type: none"> 1. Click Select File. 2. Use the browser search dialog box to select the required file. 3. Enter comments about the edits made. 4. Click OK.
 Undo Edit	<p>Only shows if you previously selected Edit for the document. Removes the lock for editing without uploading a file. Any changes you made to the file on your computer remain, but are not uploaded to the document on the 3DEXPERIENCE platform.</p>
 Copy Link	<p>Copies the document URL to the clipboard. You can then paste the URL as required, such as in an email message.</p> <p>When someone with access to the document clicks the link, Document Management opens showing the Preview of the document.</p>
 Export As	<p>Exports the object as CAD files or STEP AP242.</p> <p>Note: The Export As command is available only if you select a single object of the supported type.</p> <p>For more information, see <i>Social and Collaborative System Exchange Enterprise IP Integration Management Exporting Content Exporting Engineering Items as STEP AP242 from Web Apps</i> and <i>Social and Collaborative Multidiscipline Configured Product Development (Collaborative Design) CAD Data Processor Monitoring Exporting 3DEXPERIENCE Content with CAD Format as CAD Files</i>.</p>
 Delete	<p>You can delete one or more objects listed in the Search Results panel.</p> <p>This option opens the Collaborative Lifecycle app, with the objects loaded and selected, and a Delete dialog box asking for confirmation.</p> <p>Once the objects are deleted, you can close the transient Collaborative Lifecycle widget to launch your last search again.</p> <p>Notes:</p> <ul style="list-style-type: none"> ○ The objects you deleted still appear in the new search results until the indexing has completed. ○ If you pinned the Search Results panel or the Collaborative Lifecycle widget to a dashboard, your last query does not launch again.

Option	Description	
	For more information, see <i>3DEXPERIENCE 3DEXPERIENCE Web Apps Lifecycle Deleting Objects Deleting Objects</i> .	
 Preview	The search result Preview depends on the file type and its data source. For most objects, the Preview shows:	
	Element	Description
	3DPlay for Desktop	<p>Gives a graphical view of:</p> <ul style="list-style-type: none">◦ A PLM object.◦ A 2D or 3D file.◦ A picture of a 3DSwym post, a dashboard, or a document stored in the 3DDrive. For 3DSwym, depending on the type of post, you can see an image of the message or an embedded media (for example, an image of a PDF document, a picture, an animated picture, a video, etc.). <p>For more information, see <i>3D Modeling 3DPlay 3DPlay Web App Supported PLM Objects and 2D and 3D File Formats</i>.</p> <p>Note: For objects that do not have any visual content to show in the 3DPlay for Desktop content, the Preview shows information content automatically.</p>
	 Properties	Shows the object or file attributes. For example, the object title, type, revision, creation date, etc.
	 Relations	<p>Available with the CSV role only.</p> <p>Shows a list of related objects based on the types of relations defined the Relational Explorer.</p> <p>For more information, see <i>3DEXPERIENCE 3DEXPERIENCE Web Apps Relations</i>.</p>
	 Change	<p>Shows the change approval history for an object.</p> <p>The Released Authorization section lists all the tasks that were approved to complete the change action required to release the object.</p>

Option	Description	
	Element	Description
		Since configured objects are not released with change actions, the history appears only for released, unconfigured objects. If the object is not released, the table does not appear.
	 Comments	<p>Allows you to add comments for all object types.</p> <p>You can notify another user with @<user name>. These notifications appear in the tagged user's  3DNotification Center, in the upper right corner of the 3DEXPERIENCE platform window. When clicking a notification, the object opens in the side properties showing the Comments tab.</p> <p>Note: This feature does not work for multiselection.</p>
	 Derived outputs	<p>Shows derived output as in the Product Structure Editor app.</p> <p>These derived outputs are secondary database files generated from the conversion to another format of the master database CAD file (3D or 2D) of an object.</p>


Example of 3D File Preview



- About the Preview behavior:
- When you select several results, the Preview shows information for the last selected result.

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Option	Description
	<ul style="list-style-type: none">◦ To navigate through search result objects, click < or > .◦ To go back to the search results list, click X on the upper right.◦ To show or hide information content (Properties, Relations, etc.), click i.◦ On mobile devices, the Preview shows the 3DPlay for Desktop content by default.◦ When closing the Preview, 3DSearch keeps the original state (before launching the Preview).◦ When you open the Preview, it appears full screen in the browser. <p>Note: You can also open the Preview by clicking the search result hyperlink. On iPhone devices, it opens when you click anywhere on the search result.</p>
 Open With	Opens an object in another 3DEXPERIENCE platform app. For example, 3D Markup, CATIA V5, Product Explorer, Product Structure Editor, etc.