

# What's New – 3DX Data Management

## 2022x FD02

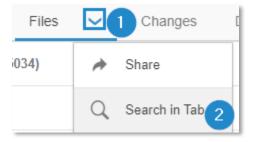
This document highlights the enhancements for areas related to data management in 3DX. This may not cover *all* new features of data management. This does *not* cover any new features to any non-data management roles such as 3D Sculptor, 3D Creator, Project Planner, etc.

## Contents

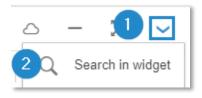
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## Searching

• **Searching within tabs**: if you want to search for content within a specific tab, you should click on the down arrow next to the tab name.

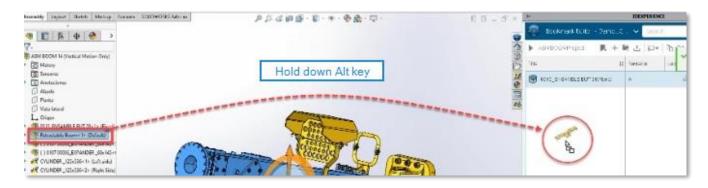


• **Searching within widgets**: new in FD02, you can search within a specific widget. Click the down arrow at the top right of the widget. This is especially helpful for apps such as 3DSpace or Bookmark Editor.



#### **UES – Collaborative Designer for SOLIDWORKS**

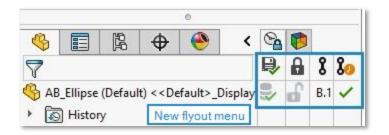
• Add data to bookmark editor from SW design tree: while holding the Alt key, click and drag a component from the SW design tree into the Bookmark Editor app to add the file to that bookmark location.



• Lifecycle & collaboration actions from SW menus: previously, the MySession window was crucial to performing 3DX actions such as lock, unlock, and reload from server. These commands are now available through right click menus, or its own command manager tab. You can also share the model directly to a 3DSwym community.

AB_Ellip	se (Default) < « tory		1	<sup>=</sup> २ 🌏 🔝					
~	sors	Lifecy	cle and Colla	poration	- 🔐 Lo	ock			
Anr	notations	Part (AB_E	llipse)			eload From Server			
<ul> <li>Solid Bodies(1)</li> <li>Material &lt; not spe</li> <li>Front Plane</li> </ul>		Hidden Tree Items        Rename Title       Add to Library			Repu	E PLM Properties			
☐ Rigi	Plane ht Plane gin		ade cosmetic	RIENCE compatibility	, SI	nare Design to 3DSw		Share as Picture Share as 3D	
S SOL		File	Edit Vie		Window	* 🟠	0 • 0	•••••••••••••••••••••••••••••••••••••	
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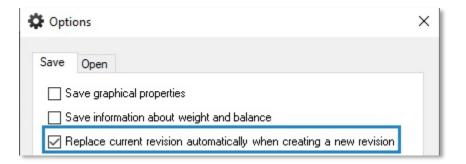
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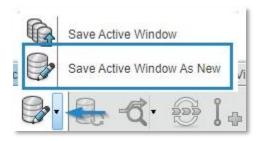
• **New local cache tab in SW task pane**: this tab essentially shows you your MyWork folder which displays your local cache. Open or delete files from here.

	<b>«</b>	3DEXPERIENCE files	on This PC		@ <b>*</b>
	🍕 🎯 🖾 [				2 7
	Title	Status	Lock Status	Rev	Maturity State
- LEI Mill	4 AB_Circle2		ef 🛛	B.1	Released
	崎 AB_Ellipse		ef 🛛	B.1	In Work

• Automatically replace files in MySession with new revision: previously, after creating a new revision upon save, the MySession window still had the old revision loaded. You had to right click the file and choose "replace by revision". Now, this setting will automatically replace the file with the new revision for you. Located in MySession > Tools > Options. This has been automatically turned on during the FD02 update.



• **Save active window as new**: this is essentially a "save as" where you can directly save the new files to the collaborative space set in MySession.



• **Collaboration with external members**: allows you to do a "smart pack and go" of your files to share with members outside of 3DX. Mark files as Read-only or For Edit. Export the files as a .sldpkg file.

Title	Revision	Purpose		
💽 🍓 313225 Tilting Head	A1	For Edit	*	~
🍕 205633 M5 Screw	A.1	Read-only	*	~
4 202766 M5 Screw	A.1	Read-only	*	~
313231 Asy, Fixed Plate, Tilt-A-Jet	A.1	For Edit		~

The external person opens .sldpkg in SW on their computer in the free add-in "3DEXPERIENCE Exchange for SOLIDWORKS" – <u>download here</u>. They save the package and send it back to the 3DX customer. Import the package into SW and get feedback on which components have changed, and what has been added.

31322	8 Gasket, End Cover, Fixed Plate	A1	For Edit	Existing	Unchanged
31322	5 Tilting Head	A1	For Edit	Existing	Modified
<b>&amp;</b> 31323	5 Label, Serial Number, Universal, TAJ	A1	Read-only	Existing	Unchanged
<b>6</b> 20268	5 O-Ring	A.1	Read-only	Existing	Unchanged
<b>4</b> 30371	3 TAJ Maxjet 5 Retaining Nut				New
	2 14F 0		B	and the second	

Component Name	Status		Rev	ls	Maturity State
- 🞯 313225 Tilting Head	-	L.	A.1		In Work
- 🞯 313231 Asy, Fixed Plate, Tilt	-	- fi	A.1		In Work
313232 Fixed Plate, Tilt-A	-	a f	A.1		In Work
- 313230 Assy, End Cover,	a la	File com	A 1 es from	the imp	orted package

• **Bulk download of derived outputs**: download all derived outputs part of an entire assembly structure. Previously, you had to download outputs per file.

Download D	erived Outputs	D
3D Format	Select a 3D Format	T
2D Format	Select a 2D Format	*

• **Restrict drawings maturity change**: add rule to transition to restrict drawings from moving to a new maturity state if the referenced components are not in the targeted maturity state. This is to avoid releasing drawings when the associated drawings aren't already released.

Add contr	ol rule on transition	>
Object Type	Drafting	÷
Rule	Unconditional reject	~
	Unconditional reject Require Change Action for maturity state changes Ignore inherited control rules Reject on Author Reject on Leader Reject on standard data	
Rej	Reject if attribute(s) not valuated Reject if newer released revision exists Reject if related Product is not on target state	

• **Batch Save to 3DEXPERIENCE**: supports creating a nested folder structure into Bookmarks for you. Previously, only supported one Bookmark level at a time. Select a top-level bookmark, and it will create the sub-level bookmarks for you.

#### User Interface Changes

• **Ability to link 3DX actions to SW shortcuts**: customize keyboard shortcuts and mouse gestures to 3DX actions such as lock, unlock, reload from server, and more.

Toolbars	Shorto	ut Bars	Commands	Menus	Keyboard	Mous			
Category	: All C	Comman	ds						
Show:	Show: All Commands								
Search for: reload									
Cate	gory		с	ommand					
File		Reload							
Tools		Lifecycle and Collaboration							
Tools		🛃 R	eload from Se	rver					

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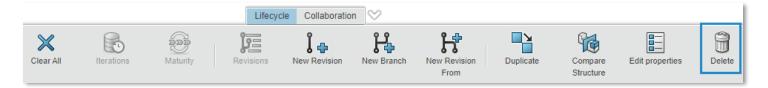
• Verbiage change in SW file name bar: previously, if a file was not locked through MySession, the file name bar in SW would say [Read-only] behind the file name. Now, it specifically says [Not Locked], or it will call out who has the file locked.

AB_Hexagon.SLDPRT[Not Locked] AB_Hexagon.SLDPRT[Locke	ed By Me]	
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#### • New filters in Save to 3DEXPERIENCE window

Save to 3	DEXPERIENCE							>
<b>N</b> s	elect Bookmark						🔐 Look	Export
Show:	Al fles (6)	New (0)	O Modified (2)	)	O Warning or Error (1)	]	Vew: @Flat	ONested
Type	SW Title	Save	Status	Bookmark	Revision	New Revision	Maturity State	Collaborativ
	Crank Design		Lock required		A		In Work	Common :
6	Crank		✓ Modified		A		In Work	Common :
3	Pedal RH		✓ Not modified		A		In Work	Common

• **Delete symbol changed from red X to trash can**: previously, in apps such as Collaborative Lifecycle, the delete symbol was a red X icon. This was confusing as the symbol to clear content from the app was a blue X. Now, the delete symbol is a trash can to differentiate it from the blue X.



\*To see some of these new features in UES (Collaborative Designer for SW), you may need to rename your HKEY\_CURRENT\_USER\SOFTWARE\SolidWorks registry key, or upgrade to SW 2022 SP2 if you haven't already.