STUDENT TECHNOLOGY

SIMULIA How-To Documentation

Step 1: Navigate a web browser to <u>www.miami.edu/software</u>

Step 2: You will be prompted to sign in with your CaneID and password:



Step 3: Once you have signed in, click on "For Students":

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Administrative Applications	review	available software lis	ted below.				
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Step 4: Click on "Software for College of Engineering Students":

Step 5: Find and click on the SIMULIA software:

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		Academic C Blackboard			Connect	

Step 6: Select "Download SIMULIA Abaqus":

EverBrighter	The Campaign fo	r Our Next Century L	Learn More		_		_			
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	U	Information Technology			UM Network		Visit			
	MIAMI	1320 S. Dixie Hwy, Suite 11C Coral Gables, FL 33146 305-284-6565	XO About L Workda CaneLii		Alumni Association Medical Center Humcane Sports		Campus Map Parking & Transportation			
		help@miami.edu			Employment Opportunit		Connect			
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Step 7: Unzip the compressed "SimuliaAbaqus2022" folder and open the folder:

• 🤟 • 🕆 🖊 > Th	is PC > Downloads		~ č	9 Search	Downloads	
★ Quick access	Name Y Today (2)	Date modified	Туре	Size		
Desktop 🖈	i SimuliaAbaqus2022	7/26/2022 8:50 AM	Compressed (zipped).	16.045.723 KB		
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COMSOL						
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	1 3	7/26/2022 8:53 AM	File folder		
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Pictures 🕺	3 5	7/26/2022 8:55 AM	File folder		
Arena	server-information	7/26/2022 8:55 AM	PNG File	19 KB	
COMSOL	server-type	7/26/2022 8:55 AM	PNG File	18 KB	
CREO					
Documentation for					
OneDrive					
This PC					
Network					

Step 8: Open the folder named "2"

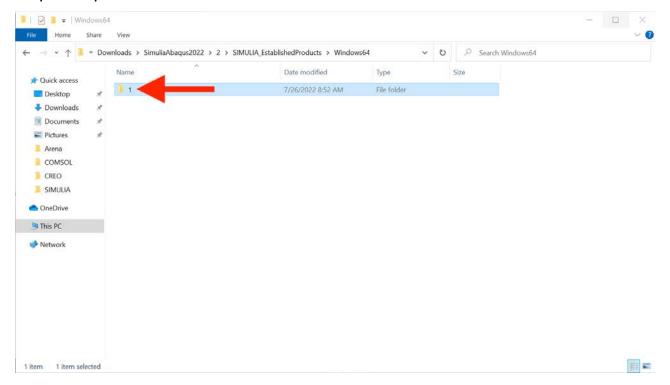
Step 9: Open the "SIMULIA_EstablishedProducts" folder

🕂 🕆 🕇 🕨 Th	s PC > Downloads > SimuliaAbaqus2022 > 2		~ U	✓ Search 2	
🖈 Quick access	Name	Date modified	Туре	Size	
Desktop #	10 Odata	7/26/2022 8:51 AM	File folder		
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Step 10: Open the "Windows64" folder:

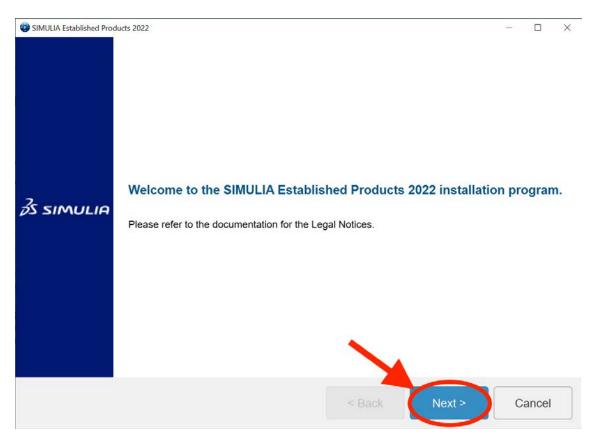
Step 11: Open the folder named "1":



- → ~ ↑ 📜 « Do	wnloads > SimuliaAbaqus2022 > 2 > SIN	ULIA_EstablishedProducts > Window	s64 > 1 ∨ Ŭ	, Search 1	
	Name	Date modified	Туре	Size	
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📄 Documents 🛛 🖈	1	7/26/2022 8:51 AM	Text Document	2 KB	
Fictures *	🗑 media	7/26/2022 8:51 AM	Data Base File	7,752 KB	
Arena	a media	7/26/2022 8:51 AM	XML Document	2 KB	
COMSOL	meta.TOCxml	7/26/2022 8:51 AM	TOCXML File	320 KB	
CREO	😪 setup	7/26/2022 8:51 AM	Application	601 KB	
SIMULIA	setup_noUAC	7/26/2022 8:51 AM	Application	409 KB	
SIMULIA	StartTUI	7/26/2022 8:51 AM	Application	406 KB	
OneDrive					
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Step 12: Double-click to run the "setup" file:

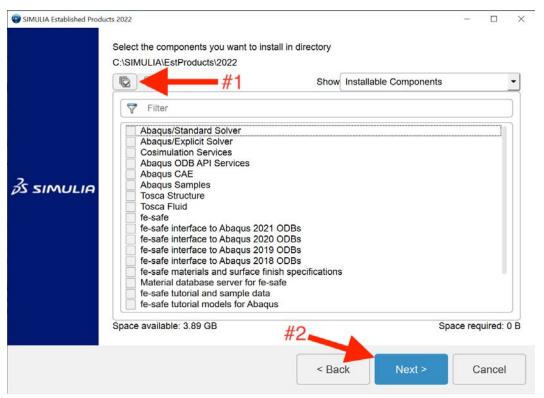
Step 13: The installer menu appears. Select the "Next" button:

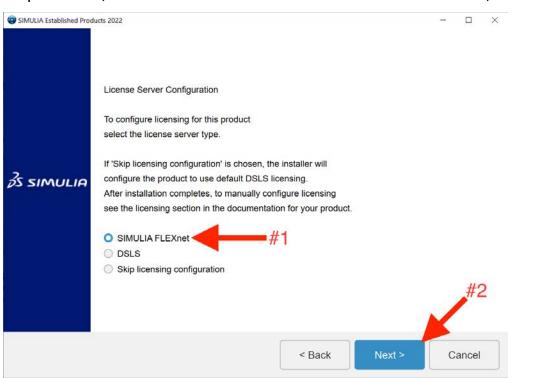


SIMULIA Established Prode	ucts 2022	-		×
<i>3</i> s simulia	Choose the installation directory: C:\SIMULIA\EstProducts\2022	Bro	wse	
	< Back Next >	C	ancel	

Step 14: Do not change the installation directory. Click on "Next":

Step 15: First, click on the select all button to highlight all components for installation. Second, select "Next":



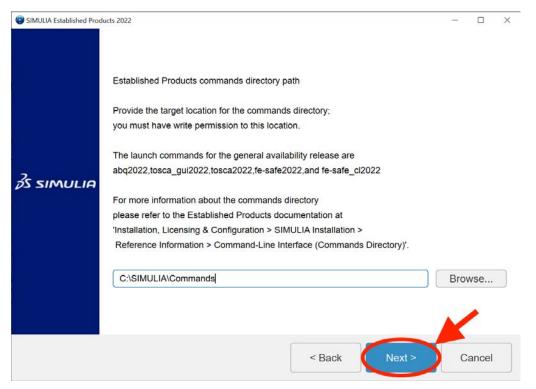


Step 17: First, enter "27001@um02celslicp01.cgcent.miami.edu" in the "License Server 1" box. Second, select "Next":

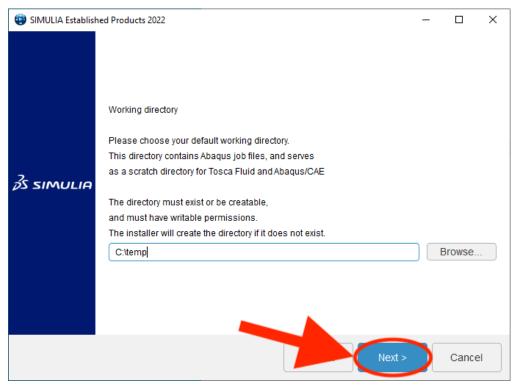
SIMULIA Established Produ	ucts 2022	-		×
	SIMULIA FLEXnet License Server			
<i>3</i> S SIMULIA	Please enter the hostname or IP address of your FLEXnet license server(s). Enter a single standalone server on line 1. If needed, enter a second standalone server on line 2. If using 3 redundant servers enter one on each line. Example: 27000@indigo.abaqus.com License Server 1 27001@um02celslicp01.cgcent.miami.edu #1 License Server 2 License Server 3)
		0		
	#2 Next >	C	ancel	

Step 16: First, make sure "SIMULIA FLEXnet" is selected. Second, click on "Next":

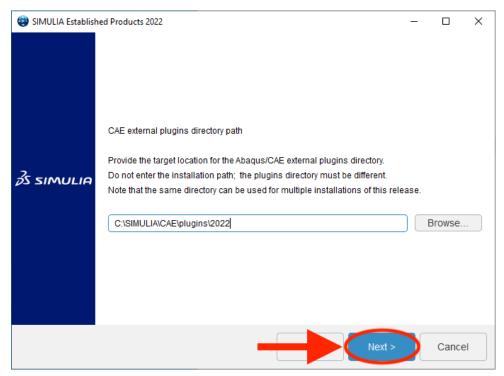
Step 18: Without changing the default products commands directory path, click "Next":



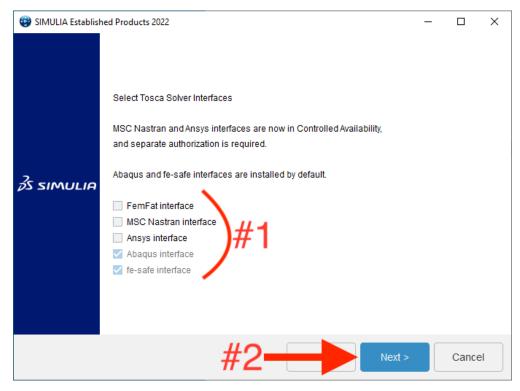
Step 19: Without changing the default working directory path, click "Next":



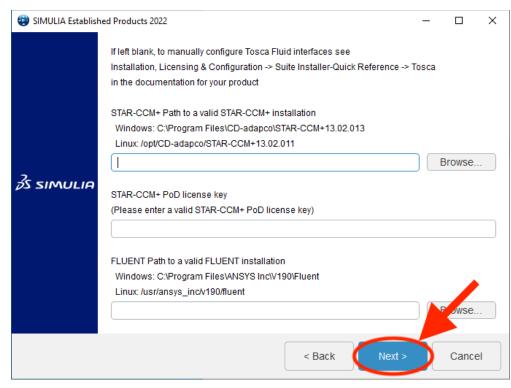
Step 20: Without changing the default CAE external plugins directory path, click "Next":



Step 21: First, if you require any additional interfaces, select them now. Second, click on "Next" to continue:



Step 22: Without entering anything in the boxes provided, select "Next":



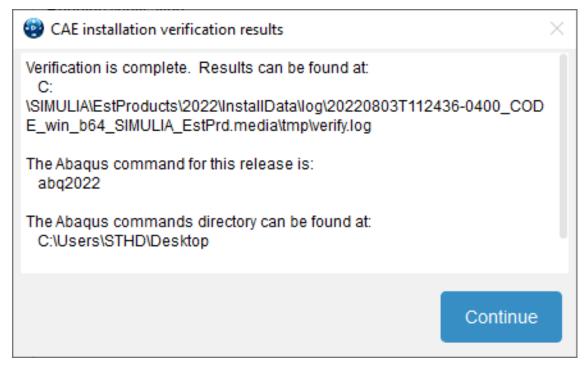
Step 23: Select "Install" to begin the installation:

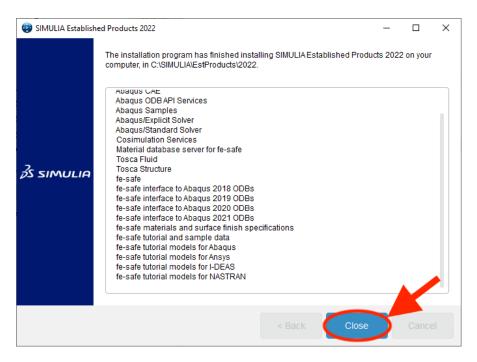
😨 SIMULIA Establis	ned Products 2022	-		×
<i>3</i> S SIMULIA	The installation program has enough information to start. Files will be installed in the following directory: CrSIMULIAEstProducts/2022 Selected Components: Abaqus/Standard Solver Abaqus/Standard Solver Cosimulation Services Abaqus ODB API Services Abaqus CAE Abaqus Samples Tosca Structure Tosca Fluid fe-safe interface to Abaqus 2021 ODBs fe-safe interface to Abaqus 2021 ODBs fe-safe interface to Abaqus 2020 ODBs fe-safe interface to Abaqus 2020 ODBs fe-safe interface to Abaqus 2019 ODBs fe-safe interface to Abaqus 2018 ODBs fe-safe interface to Abaqus 2018 ODBs fe-safe interface to Abaqus 2018 ODBs fe-safe tutorial and sample data fe-safe tutorial and sample data fe-safe tutorial models for Abaqus fe-safe tutorial models for Abaqus fe-safe tutorial models for Abaqus			
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Step 24: This menu will appear at a certain point during the installation. Click "Ok" to continue:

Information	\times
Installation of Runtime VC14 x86 succeeded. Changes will not be effective until the system is rebooted.	
ОК	

Step 25: This menu will appear once the installation is complete. Press "Continue":

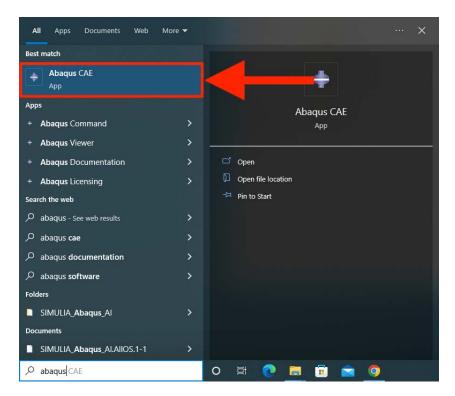




Step 26: To exit the installation, click on "Close":

Note: If you encountered an error during installation, scroll down to the "Resolving Installation Errors" section of this documentation.

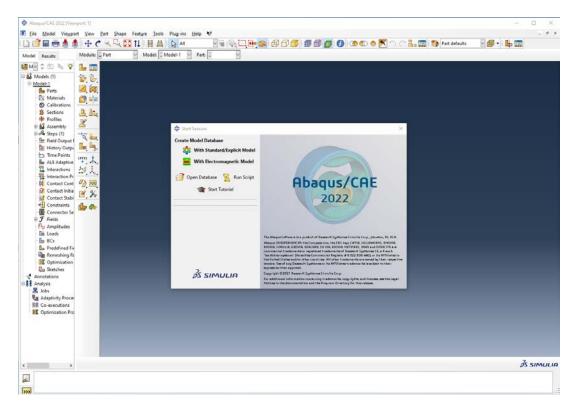
Step 27: Search for and open the "Abaqus CAE" application:



Step 28: A pop up will appear that looks like the screen below. This screen shows that the software is currently opening. Do not close this window at any time, as it will close the Abaqus software:



Step 29: The software opens, indicating a successful download:

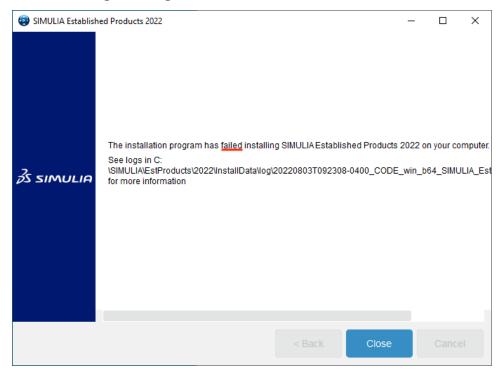


Resolving Installation Errors

When running this installation, an error may occur that results in the following error message:

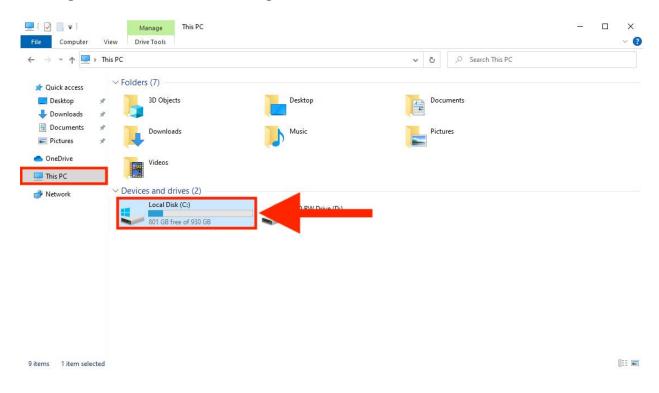
Updating Established Products Commands	×
Failed to update commands in the command directory.	
You may need to manually adjust the batch files / links in the command directory after installation completes. For information see QA00000050529 in the 3DS Knowledge Base.	
Show technical details	
Continue	

Four to five of these pop-ups will appear. Ultimately, the application will fail with the following message:



Below are the steps to follow to resolve the installation error.

Step 1: Open file explorer and find the Local Disk (C:) drive. It can be found by clicking on "This PC" and scrolling down to "Devices and Drives":

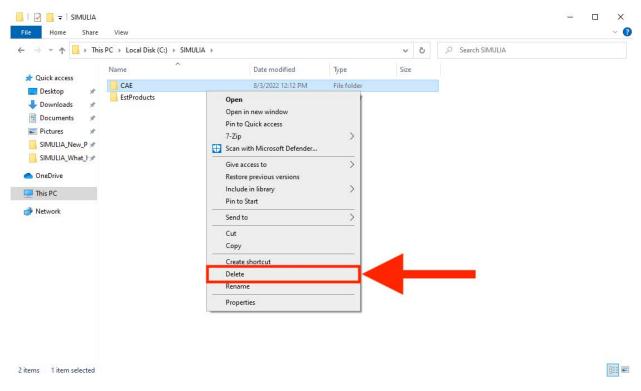


Step 2: Open the "SIMULIA" folder:

🗦 👻 🛧 🏪 > This	PC > Local Disk (C:)			~	Ō			
	Name	Date modified	Туре	Size				
🖈 Quick access	📙 inetpub	7/28/2022 10:39 AM	File folder					
Desktop 🖈	Intel	8/2/2022 6:12 PM	File folder					
🕹 Downloads 🛛 🖈	PerfLogs	12/7/2019 4:14 AM	File folder					
🚰 Documents 🛛 🖈	Program Files	8/3/2022 11:00 AM	File folder					
📰 Pictures 🛛 🖈	Program Files (x86)	7/28/2022 10:56 AM	File folder					
OneDrive	SIMULIA	2022 12:12 PM	File folder					
onebrive	temp	8/3/2022 10:50 AM	File folder			-		
This PC	Users	7/1/2022 4:31 PM	File folder					
Network	Windows	8/4/2022 9:56 AM	File folder					

9 items 1 item selected

Step 3: Delete any folders and files that are found within the "SIMULIA" folder by right clicking the folder and selecting "Delete":



Step 4: Click the "Up" arrow to return to the (C:) drive:

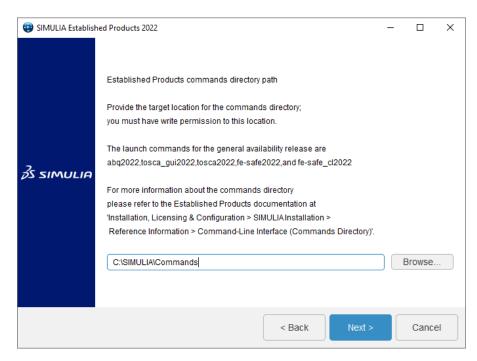
6 OneDrive		> INIS PC	 Local Disk (0 	C:) > SIMULIA			~ 0	> P Search SIMU	LIA	
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This PC	Pictures									
	OneDrive									
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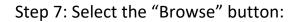
Step 5: Once back in the (C:) drive, right-click the SIMULIA folder and select "Delete":

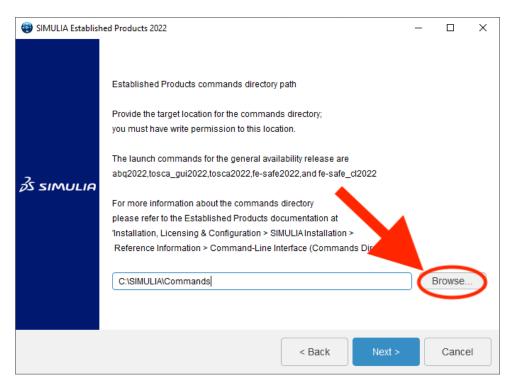
NOTE: The reason the subfolders are deleted first is because an error message may appear if the SIMULIA folder is deleted with everything in it.

ightarrow 🛧 📥 > This	PC > Local Disk (C:) >			×	G	Search Local Disk (C:)
Quick access Desktop Downloads Documents Pictures	Name intepub intel Perflogs Program Files Program Files (x86)	Date modified 7/28/2022 10:39 AM 8/2/2022 6:12 PM 12/7/2019 4:14 AM 8/3/2022 11:00 AM 7/28/2022 10:56 AM	Type File folder File folder File folder File folder File folder	Size		
SIMULIA, New, P * SIMULIA, What, P * OneDrive This PC Network	SIMU Users Wind Users Wind Copen in new window Open in new window Open in New window Open in New window Open in New Window 7-Zip Scan with Microsoft Defe Give access to Restore previous versions Include in library	>	File folder File folder File folder File folder			1
	Pin to Start Send to Cut Copy Create shortcut Delete Rename Properties	<u> </u>	-	_		

Step 6: Once the "SIMULIA" folder is deleted from the (C:) drive, go back to Step 12 (above) and re-run the "setup" file. Complete steps #12 - #17 (stopping at screen below) and come back here to Step 7:







Step 8: In the file explorer menu that appears, click on "Local Disk (C:)":

Select a directory					×
\leftarrow \rightarrow \checkmark \Uparrow 🏪 \Rightarrow This	s PC > Local Disk (C:) >		✓ טֿ Search Local	Disk (C:)	
Organize 🔻 New folde	r				EE ▼ ?
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> 🔷 OneDrive	Intel	8/2/2022 6:12 PM	File folder		
	PerfLogs	12/7/2019 4:14 AM	File folder		
🗸 🛄 This PC	Program Files	8/3/2022 11:00 AM	File folder		
> 🧊 3D Objects	Program Files (x86)	7/28/2022 10:56 AM	File folder		
> 📃 Desktop	SIMULIA	8/5/2022 11:26 AM	File folder		
> 🔮 Documents	temp	8/5/2022 11:21 AM	File folder		
> 🕹 Downloads	Users	7/1/2022 4:31 PM	File folder		
> 👌 Music		8/5/2022 11:19 AM	File folder		
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🔉 🏪 Local Disk (C:)					
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Folder	: Local Disk (C:)				
				Select Folder	Cancel

Select a directory						
> • 🛧 ៉ This	් Sear	ch Local Disk (C:)	م			
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OneDrive	Intel	8/2/2022 6:12 PM	File folder			
_	PerfLogs	12/7/2019 4:14 AM	File folder			
This PC	Program Files	8/3/2022 11:00 AM	File folder			
🧊 3D Objects	Program Files (x ⁹⁶	7/28/2022 10:56 AM	File folder			
E Desktop		5/2022 11:26 AM	File folder			
Documents	temp	8/5/2022 11:21 AM	File folder			
Downloads	Users	7/1/2022 4:31 PM	File folder			
Music	Windows	8/5/2022 11:19 AM	File folder			
Pictures						
Videos						
Local Disk (C:)						
💣 Network						
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Folder	: Local Disk (C:)					
				Sele	ct Folder Can	cel

Step 9: Double click on the "SIMULIA" folder:

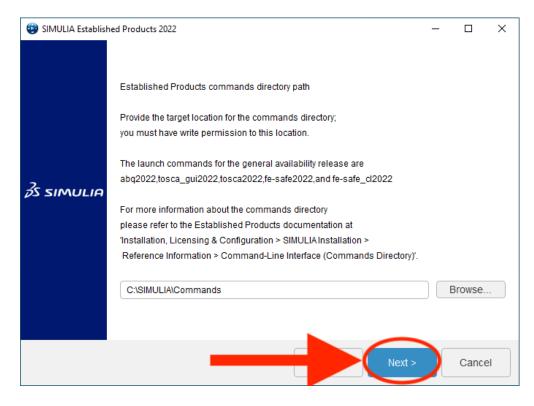
Step 10: Within the "SIMULIA" folder, select the "New Folder" button:

Select a directory						×
← → ~ ↑ 🛄 > This PC > Local Disk (C:) > SIMULIA >		~	Ō	Search SIMUL	IA	Ą
Organize 👻 New folder						?
SIMULIA_New_P Create a new folds	Date modified	Туре	Size			
SIMULIA_What_I	8/5/2022 11:26 AM	File folder				
 OneDrive 						
This PC						
🗊 3D Objects						
🔜 Desktop						
Documents						
🕹 Downloads						
h Music						
E Pictures						
Videos						
Local Disk (C:)						
i Network						
▼						
Folder: SIMULIA						
				Select Folder	Cano	el:

Step 11: First, name the new folder "Commands". Second, click on "Select Folder":

Select a directory						×
\leftarrow \rightarrow \checkmark \uparrow \Box \Rightarrow This PC \Rightarrow Local Disk (C:) \Rightarrow SIMULIA \Rightarrow		~	Ū	Search SIMULIA		9
Organize 🔻 New folder						?
SIMULIA_New_P ^ Name	Date modified	Туре	Size			
SIMULIA_What_I EstProducts	8/5/2022 11:26 AM	File folder				
OneDrive Commands	8 5 2022 11:29 AM	File folder				
💻 This PC						
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Desktop						
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🖊 Downloads						
Music						
Pictures						
Videos						
🟪 Local Disk (C:)						
i Network						
×						
Folder: New folder						
	#2			Select Folder	Cance	

Step 12: Click on the "Next" button. From here, continue the installation following the same instructions as before to complete the installation:





Phone: 305-284-8887 Email: sthd@miami.edu Webpage: www.miami.edu/it/sthd 1300 Memorial Drive, Rm 325 Coral Gables, FL 33146

