

Summer Engineering Experience: National Biomechanics Activity – Install ParaView



We will use ParaView, a free software to look at important biomedical data!

Step 1: Go to ParaView's website and click the download icon

<https://www.paraview.org/>

A screenshot of the ParaView website homepage. At the top, there is a navigation bar with links for "about", "solutions", "resources", "companion tools", "customize", "Enter Keyword", and a search icon. On the right side of the navigation bar is a green "DOWNLOAD" button with a white arrow pointing down. The main content area features the ParaView logo and some descriptive text.

Step 2: Based on your computer type, download the ParaView file

1. If you have a Windows computer, download the file shown in the green box:

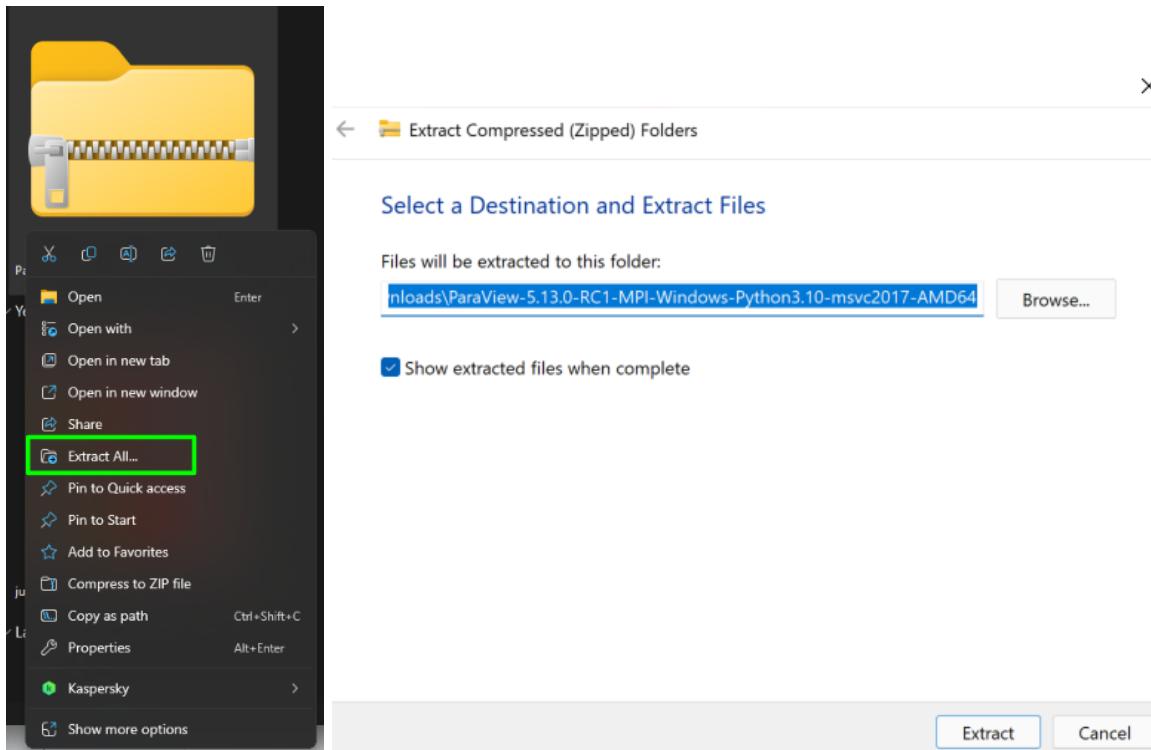
Release Candidates			
	Sources	Windows	Linux
Previews of ParaView's next release. Full suite of ParaView tools, including the ParaView GUI client, pvsyphon, pvserver, and pvbatch. Versions with MPI in the name require MS-MPI .			
Unzip .zip packages in a directory with a very short path if you encounter an error message about a path being too long for some files.			
 ParaView-5.13.0-RC1-Windows-Python3.10-msvc2017-AMD64.msi		2024-06-20 10:48	410.6M
 ParaView-5.13.0-RC1-MPI-Windows-Python3.10-msvc2017-AMD64.msi		2024-06-20 10:45	412.5M
 ParaView-5.13.0-RC1-MPI-Windows-Python3.10-msvc2017-AMD64.zip		2024-06-19 02:33	1.1G
 ParaView-5.13.0-RC1-Windows-Python3.10-msvc2017-AMD64.zip		2024-06-19 02:11	1.1G

2. If you have an Apple computer, download either the .pkg or .dmg file in the green box:

Release Candidates			
	Sources	Windows	macOS
Previews of ParaView's next release. Full suite of ParaView tools, including the ParaView GUI client, pvsyphon, pvserver, and bundled MPI.			
For unsigned binaries such as the nightly, you will need to remove the quarantine flag by running <code>xattr -d com.apple.quarantine /path/to/your/ParaView-X.Y.Z.app</code> .			
 ParaView-5.13.0-RC1-MPI-OSX10.15-Python3.10-x86_64.pkg		2024-06-19 17:28	437.3M
 ParaView-5.13.0-RC1-MPI-OSX10.15-Python3.10-x86_64.dmg		2024-06-19 17:28	476.5M
 ParaView-5.13.0-RC1-MPI-OSX10.15-Python3.10-x86_64.unsigned.dmg		2024-06-19 17:07	421.1M
 ParaView-5.13.0-RC1-MPI-OSX11.0-Python3.10-arm64.pkg		2024-06-19 10:08	384.7M
 ParaView-5.13.0-RC1-MPI-OSX11.0-Python3.10-arm64.dmg		2024-06-19 10:08	423.8M
 ParaView-5.13.0-RC1-MPI-OSX11.0-Python3.10-arm64.unsigned.dmg		2024-06-19 09:49	378.3M

*** if you are seeing any errors, try the alternative .zip file (Windows) or .pkg/dmg files (Apple).

Step 3: extract/unzip the file you just downloaded on your laptop



You can rename the folder where you extract the files, as well as location, just keep track of it!

Step 4: Locate the paraview.exe file and click it to open ParaView

1. Navigate to the bin folder within the newly extracted folder, and double click the paraview.exe file within it

Name	Date modified	Type	Size
Qt5Sql.dll	8/31/2022 9:50 AM	Application extension	204 KB
Qt5Svg.dll	8/31/2022 9:50 AM	Application extension	323 KB
openvkl_module_cpu_device_4.dll	8/31/2022 9:50 AM	Application extension	9,089 KB
openvkl_module_cpu_device_8.dll	8/31/2022 9:50 AM	Application extension	9,668 KB
openvkl_module_cpu_device_16.dll	8/31/2022 9:50 AM	Application extension	8,345 KB
openvr_api.dll	8/31/2022 9:50 AM	Application extension	801 KB
optix.6.0.0.dll	8/31/2022 9:50 AM	Application extension	189 KB
ospray.dll	8/31/2022 9:50 AM	Application extension	186 KB
ospray_module_denoiser.dll	8/31/2022 9:50 AM	Application extension	25 KB
ospray_module_ispc.dll	8/31/2022 9:50 AM	Application extension	5,880 KB
paraview.conf	8/31/2022 9:50 AM	CONF File	1 KB
paraview.exe	8/31/2022 9:50 AM	Application	915 KB
OpenImageDenoise.dll	8/31/2022 9:50 AM	Application extension	45,521 KB
openvdb.dll	8/31/2022 9:50 AM	Application extension	2,707 KB

In this example, paraview.exe is stored in my downloads folder.