

11.2 Activity 1: Scientific Visualization with VisIt

11.2.1 Download and Install VisIt

Students are encouraged to download and install a standalone VisIt executable on their local PC, Mac or Linux computer. As of this writing (2020 July), the current version is 3.1.2, though any version of VisIt 3 will suffice.

Download Instructions:

<https://wci.llnl.gov/simulation/computer-codes/visit/executables>

11.2.2 Download the Aneurysm Dataset

Depending on your platform, download and unpack one of the file archives at:

<https://visit-dav.github.io/largedata/datarchives/aneurysm>

The archive is available in .7z, .zip and .tar.gz format. Unpack the files in a folder you will use to analyze data with VisIt.

11.2.3 Complete the Aneurysm Tutorial

<https://visit-sphinx-github-user-manual.readthedocs.io/en/develop/tutorials/Aneurysm.html>

11.2.4 Complete the Formative Assessment

As you complete the Aneurysm tutorial, also complete the Formative Assessment activity sheet. You will submit this form at the end of this week's activity.

[11.2.4 VisIt Aneurysm Tutorial Activity Sheet](#)

Note: you may skip section 4.6 Publishing to SeedMe.org.