

## TetraMetrix Beta Downloading Instructions

1. Currently, the mesh generation software requires the LONI Pipeline. It can be downloaded for free from <http://pipeline.loni.ucla.edu/>.
2. A zipped file can be downloaded that contains C++ code. It can be compiled to create the executables to be used in the LONI Pipeline. For Windows 7 (64 bit) users, the executables can be downloaded.
3. Unzip the TetraMetrix folder and place it directly into the C drive (i.e. so you have C:/TetraMetrix). If the executables are downloaded, the pipeline file can be downloaded and run. If the C++ files are downloaded, they need to be compiled, with the executables placed in the same folder as the C++ files. The executables need to be given the same name as the folder they are in with a .exe extension.
4. The images are in the image\_file\_location folder and the meshes will be created in the mesh\_file\_location folder.
5. The sample image 'vs\_sphere.img' should be run first. It should take about 3 minutes.
6. The mesh files are 3 text files that are made to be viewable with tetview, which can be downloaded for free from <http://tetgen.berlios.de/tetview.html> (The viewer is made to display for Tetgen, another meshing software program). The files will need to be renamed to the format test.ele, test.face, and test.node.
7. We'll try to make the software easier to download and use in the future.