cc3d Files - What are they?

What is it?

.cc3d files are the simulation project files for use with CompuCell3D. They essentially are an XML file that is stored in a directory with the other simulation files. **.cc3d** files were introduced in to CompuCell3D version 3.6.0.

An Example:

Below is a simple example of a **.cc3d** file. It defines all the files need for the simulation. In this case the simulation files reside in the directory **Simulation** which resides in the same directory as the **.cc3d** file.

```
<Simulation version="3.6.0">
    <XMLScript>Simulation/Cellsort.xml</XMLScript>
    <PythonScript>Simulation/Cellsort.py</PythonScript>
    <Resource Type="Python">Simulation/CellsortSteppables.py</Resource
>
    <PIFFile>Simulation/Cellsort.piff</PIFFile>
    <Resource Type="Field" Copy="No">Simulation/FGF.txt</Resource>
</Simulation>
```

For further details on the format of a .cc3d file see [Managing CompuCell3D simulations (CC3D project files)](#)

How do I open it?

These files are intended to be used with CompuCell3D. This tool can be [found here on nanoHUB](#)

For more information

See https://compucell3d.org/ or https://nanohub.org/groups/nanobio/tools