Uploading CC3D projects to NanoHub

During the workshop we will distribute to you the simulations we will use for the course through zip files. You can upload them to NanoHub and unzip them in a few steps

1. Go to your dashboard in NanoHub



2. Look for the "My Tools", select the "All Tools" tab, search for **Jupyter**, and open *Jupyter Notebook*

MY TOOLS			×
Recent	Favorites	All Tools	
Jupyter			
Jupyter development version			
Jupyter Examples			
Jupyter Lab			
Jupyter Notebook		•	

3. Inside Jupyter notebook click upload, navigate to where you've saved the compucell3d project zip and select it. You should also upload the jupyter notebook we provided to do the zip extraction (*cc3d_projects_extract.ipynb*). Both the zip and the notebook need to be in the same directory, by default the upload will put them in your home directory.



4. After selecting open the files should appear in the file list inside jupyter, you need to now click on the "upload" next to the files to confirm the upload

Files	Running	Formgrader	Courses	Assignments					
Select iten	ns to perform actions	on them.					Upload	New -	C
0						Name 🔸	Last Modified	File size	
8	cc3d_projects_extra	act.ipynb					Upload	Cancel	
C	CC3D_Workshop_S	Simulation.zip					Upload	Cancel	

5. Now click on *cc3d_projects_extract.ipynb* to open it, click on the "cells" tab inside it and click on "Run All". Now the files and folders in the zip have been extracted to the "cc3d_workshop" folder

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တ္လိုnanoHUB	💭 jupyter	cc3d_projects_extract	Last Checkpoint: 17 minutes ago (autosaved)
File Edit	View Insert	Cell Kernel Widgets	Help Snippets
E + & 4	impo	Run Cells Run Cells and Select Below Run Cells and Insert Below Run All Run All Above Run All Below	P" # if ve distribute more zip files during the workshop you can change the string to match the new zip name
In [4]:	with zf.ZipFil zip_ref.ex	Cell Type	ef:

You can use this set of instructions to upload and extract any zip file into nanohub.

Downloading files from nanohub

The first couple of steps are the same as for the upload (getting jupyter notebook open in nanohub). The next steps are

 Inside the jupyter directory viewer select the *file* (not more than one and not folders you may can use the provided jupyter notebook -- *zip_folder_gen.ipynb* -- to generate a zip) you wish to download

🗌 🥔 zip_folder_gen.ipynb	Running seconds ago	1.26 kB
0_ziped_files.zip	seconds ago	21.6 kB

2. With the file selected click download at the top of the page

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