Starting Hands On 4

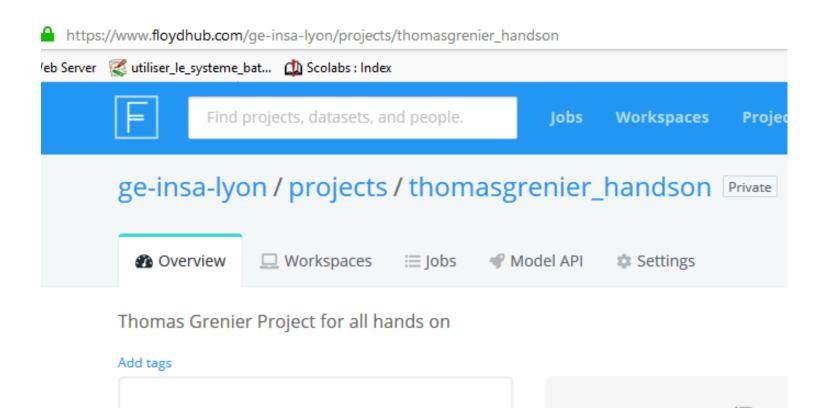
Thomas Grenier, Olivier Bernard, Emmanuel Roux, Nicolas Loiseau, Jonas Lamy, Suzanne Bussod, Ludmilla Penarrubia

Instructions (detailled after)

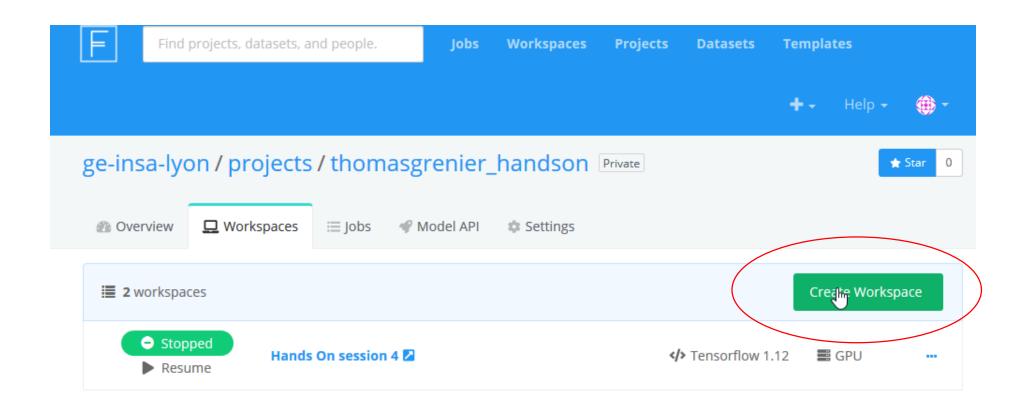
- 1. Create a new workspace and launch it
- 2. Download the zip file of the source https://gitlab.in2p3.fr/thomas.grenier/tp4ss segmentation/-/blob/master/TP1.zip
- 3. Drag and drop this file in your workspace
- 4. Unzip it in /home
- 5. Double clic on: **01_UNET_TF2_test.ipynb** to launch the jupyter notebook of the hands-on and follow instructions of the notebook

Can be 20 minutes long ...

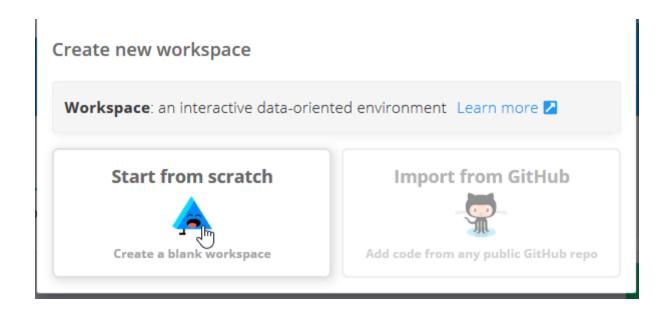
- First, go to your project page
 - Find it on the list, or use the direct link access: www.floydhub.com/ge-insa-lyon/projects/YourProjectName
- For me:



Then click on the "Create Workspace" button

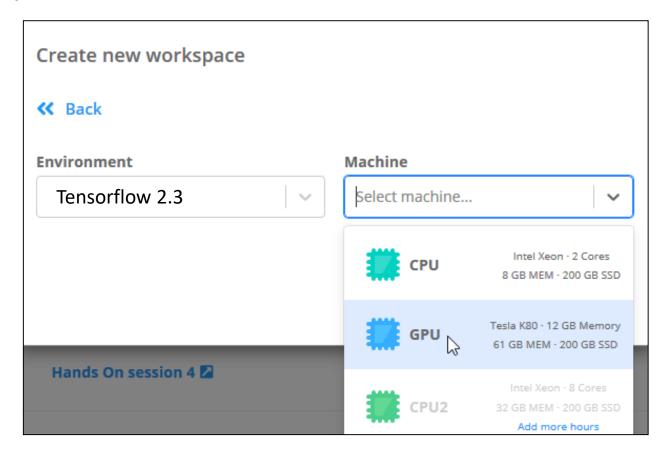


• On the following window, select "Start from scratch"

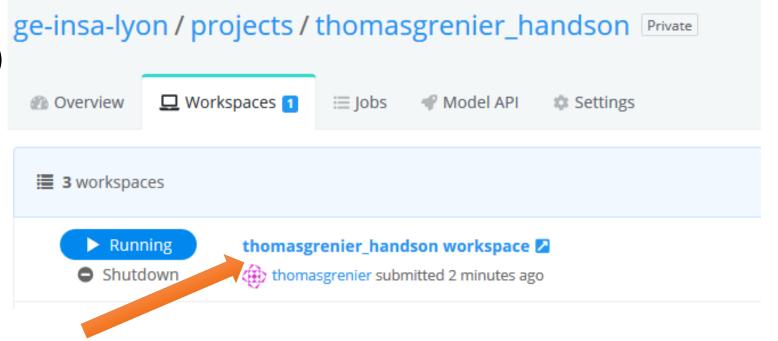


- Then you have to select the environment : **Tensorflow 2.3**
- Also, select the Machine on which your code will run.

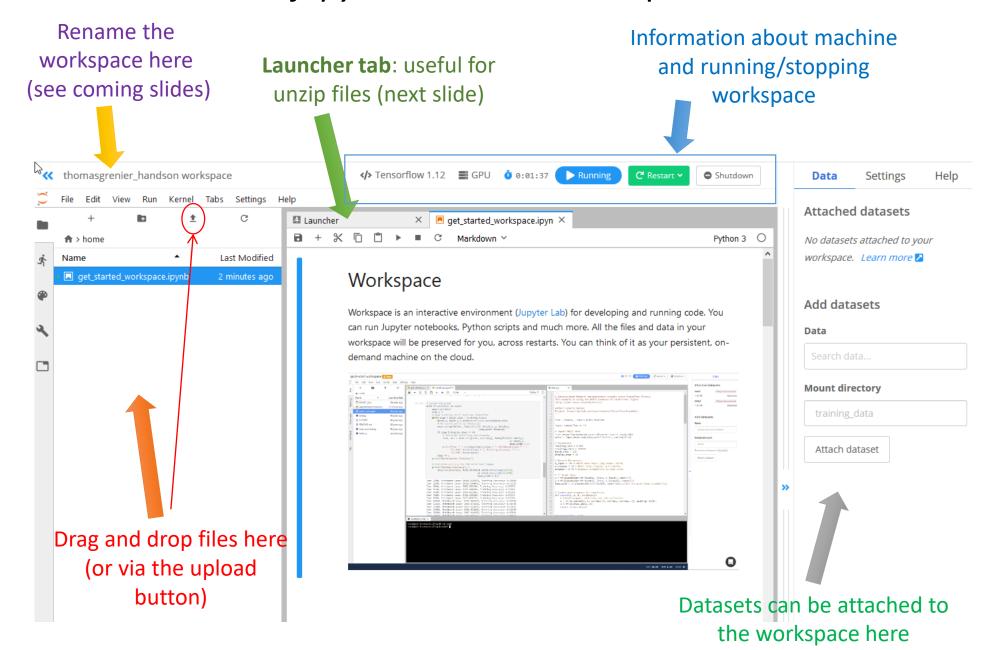
→ If you have correctly associate your project to the team (owner) you can select **GPU**



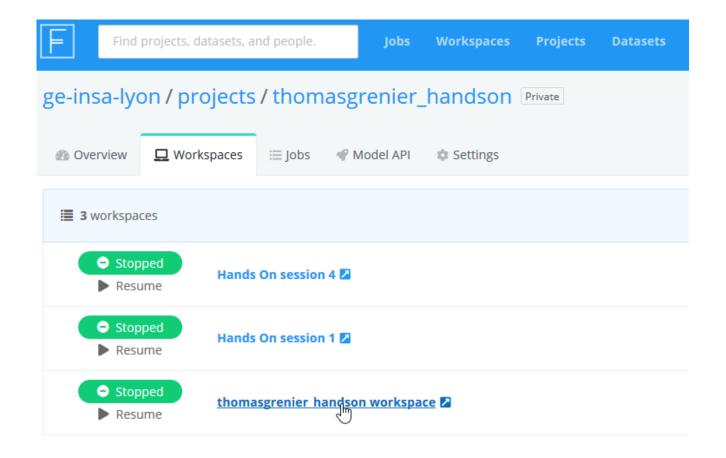
- You then create finalize the workspace creation by clicking the "Create Workspace"
- Attention please: when a workspace is created, it is automatically started!
 - To open it click on its name
 - You can wait 2 seconds or 20 minutes (provisioning)



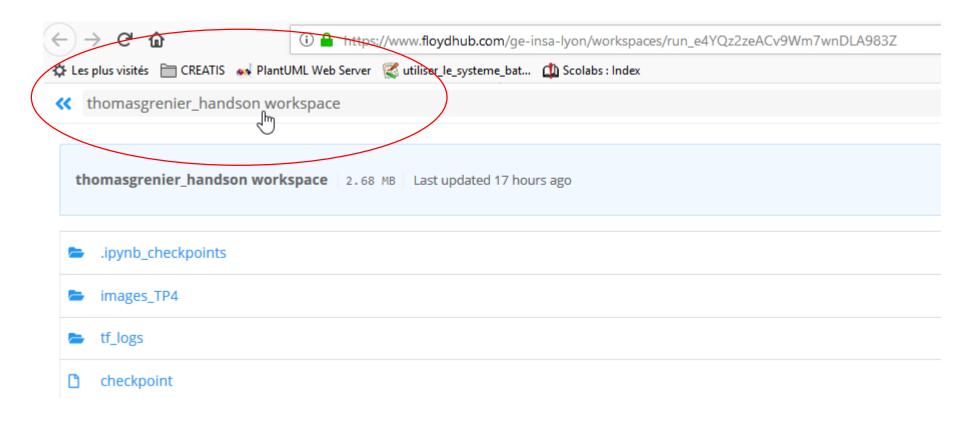
• You then enter to the *jupyterlab* of the workspace



- Recommended: rename your workspace as you will have –at least- 4 workspaces in your project
 - First select the one you want to rename, simply clicking on it (the workspace can be running as in previous slide)



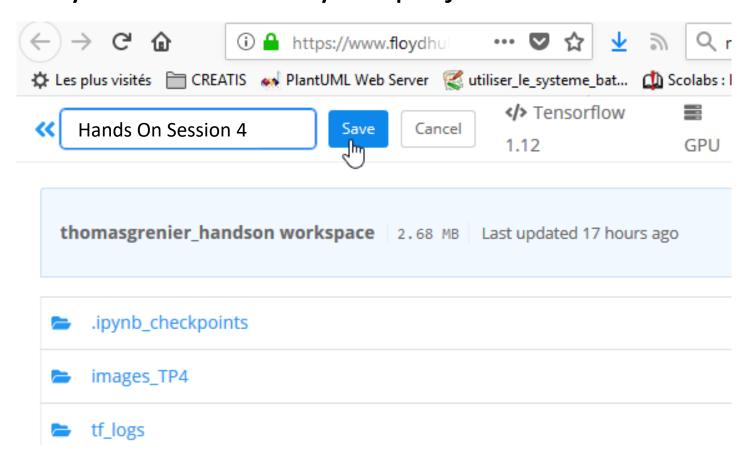
• Then, click on the workspace name as shown bellow



- Rename the workspace
- Don't forget to save your changes (click the Save button)

Note that the "<<" allow you to return to your project

page (in a new tab)

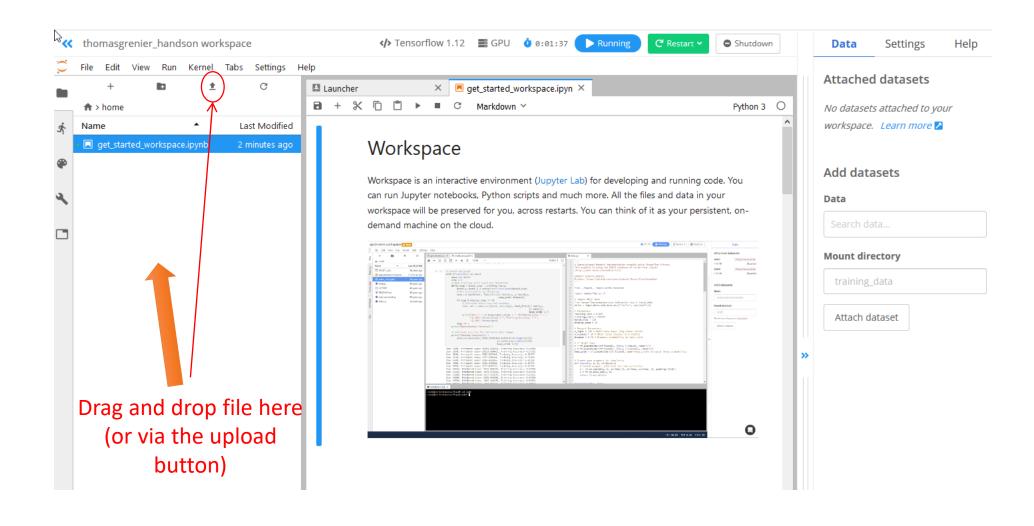


2- Download the zip file of the source

https://gitlab.in2p3.fr/thomas.grenier/tp4ss_segmentation/-/blob/master/TP1.zip

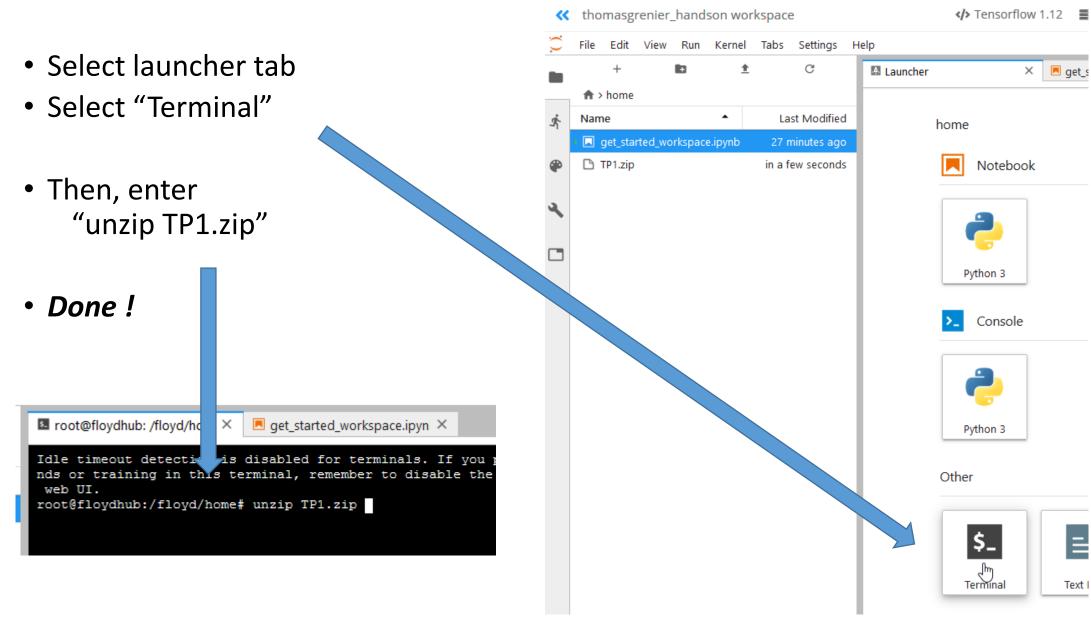
3- Drag and drop TP1.zip file in your workspace

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4- Unzip the file in /floyd/home

Here, we unzip the file TP1.zip that was drag-dropped/uploaded



5- Double clic on O1_UNET_TF2_test.ipynb

And follow instructions of the notebook

6- (after) Double clic on O2_UNET_TF2_train.ipynb

And follow instructions of the notebook