

Create a workspace on FloydHub

And rename it

And understand the *jupyterlab* UI

- 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 :

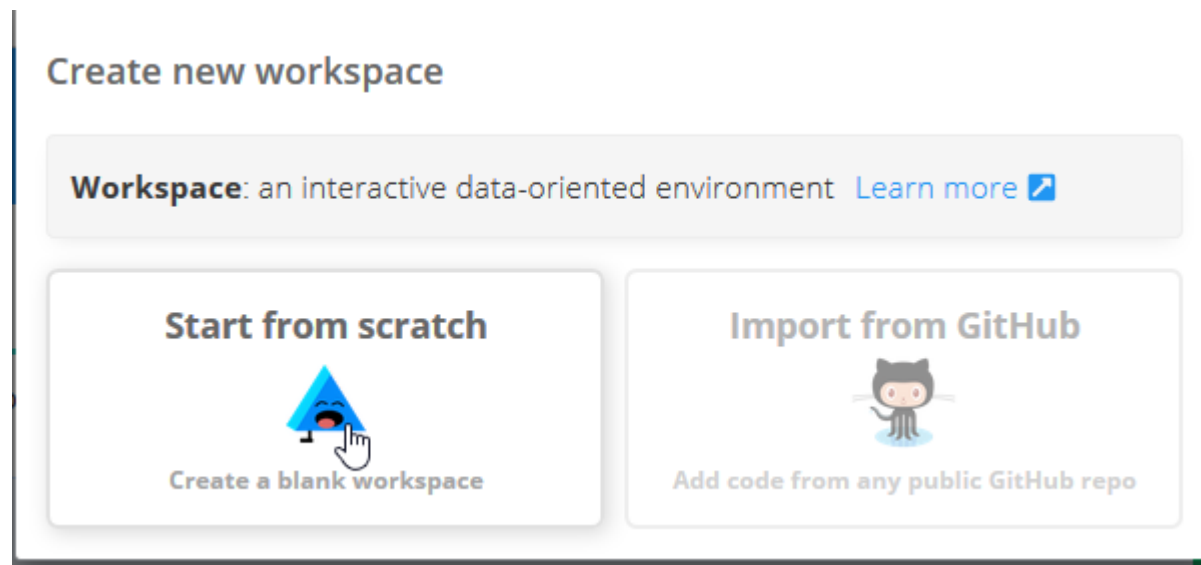
The screenshot shows a web browser window with the following elements:

- Address bar: https://www.floydhub.com/ge-insa-lyon/projects/thomasgrenier_handson
- Browser tabs: "Web Server", "utilisateur_le_systeme_bat...", "Scolabs : Index"
- Navigation bar (blue):
 - FloydHub logo (F in a square)
 - Search bar: "Find projects, datasets, and people."
 - Links: "Jobs", "Workspaces", "Project"
- Breadcrumbs: "ge-insa-lyon / projects / thomasgrenier_handson" with a "Private" status indicator.
- Project navigation tabs:
 - Overview (selected)
 - Workspaces
 - Jobs
 - Model API
 - Settings
- Project title: "Thomas Grenier Project for all hands on"
- Feature: "Add tags" with an input field.

- Then click on the “Create Workspace” button

The screenshot shows a web interface for workspace management. At the top, there is a blue navigation bar with a search bar containing the text "Find projects, datasets, and people." and several menu items: "Jobs", "Workspaces", "Projects", "Datasets", and "Templates". On the right side of the navigation bar, there are icons for a plus sign, "Help", and a globe. Below the navigation bar, the current user's profile "ge-insa-lyon / projects / thomasgrenier_handson" is displayed, along with a "Private" status indicator and a "Star" button showing "0". A secondary navigation bar contains tabs for "Overview", "Workspaces", "Jobs", "Model API", and "Settings". The main content area shows a list of "2 workspaces". A green button labeled "Create Workspace" is highlighted with a red circle. Below this, a workspace card is visible with a "Stopped" status, a "Resume" button, the title "Hands On session 4", and technical details like "Tensorflow 1.12" and "GPU".

- On the following window, select “**Start from scratch**”



- Then you have to select the environment
- 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
 - (CPU is ok for the first hands on, you can change it latter)

The screenshot shows a web interface for creating a new workspace. At the top, it says "Create new workspace" with a "Back" button. Below this, there are two main sections: "Environment" and "Machine".

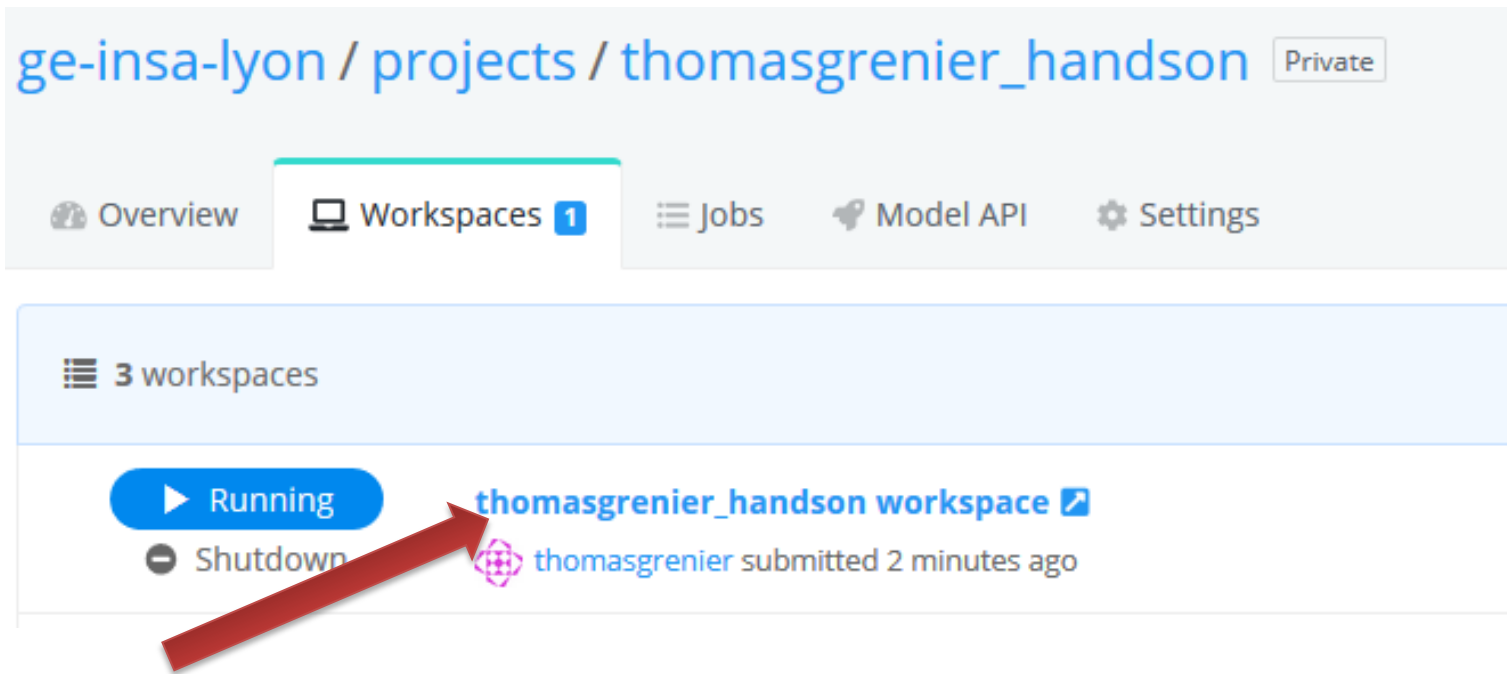
The "Environment" section has a dropdown menu currently set to "Tensorflow 1.12".

The "Machine" section has a dropdown menu currently set to "Select machine...". Below this dropdown, there are three machine options listed:

- CPU**: Intel Xeon - 2 Cores, 8 GB MEM - 200 GB SSD
- GPU**: Tesla K80 - 12 GB Memory, 61 GB MEM - 200 GB SSD (This option is highlighted with a blue background and a mouse cursor is pointing at it.)
- CPU2**: Intel Xeon - 8 Cores, 32 GB MEM - 200 GB SSD

At the bottom of the interface, there is a dark grey bar with the text "Hands On session 4" and a small icon.

- 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

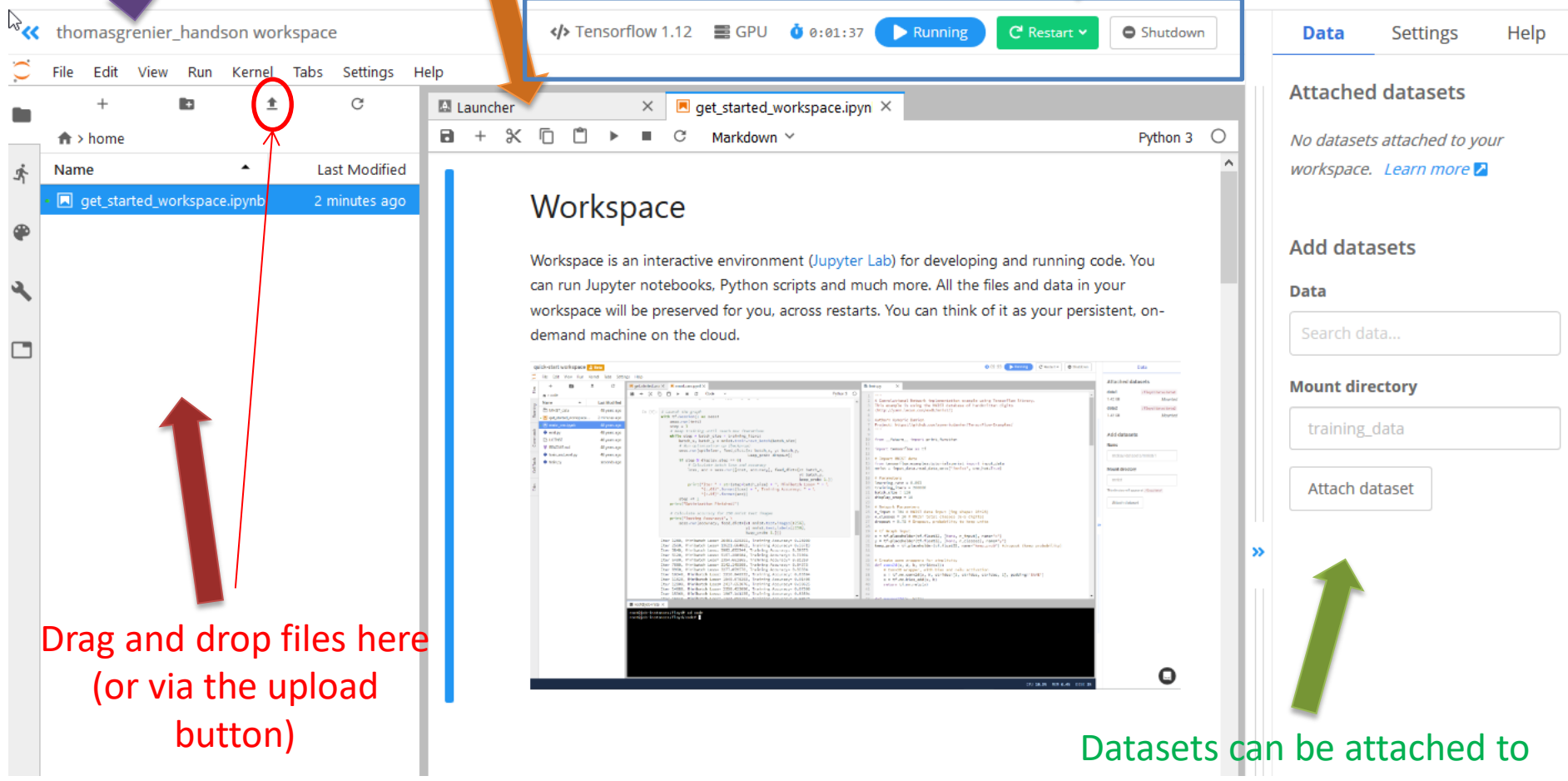


- You then enter to the *jupyterlab* of the workspace

Rename the workspace here (see coming slides)

Launcher tab: useful for unzip files (next slide)

Information about machine and running/stopping workspace



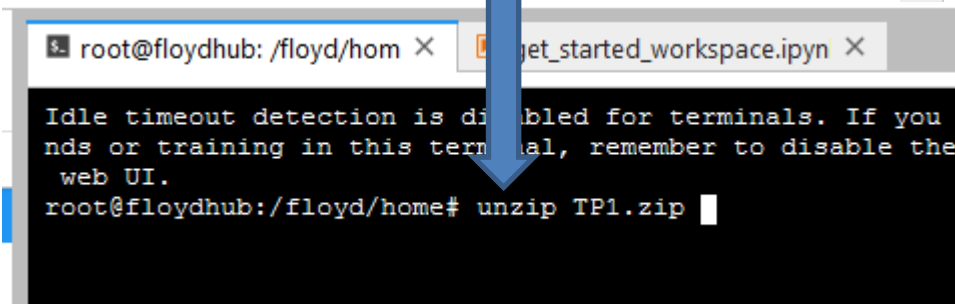
Drag and drop files here (or via the upload button)

Datasets can be attached to the workspace here

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

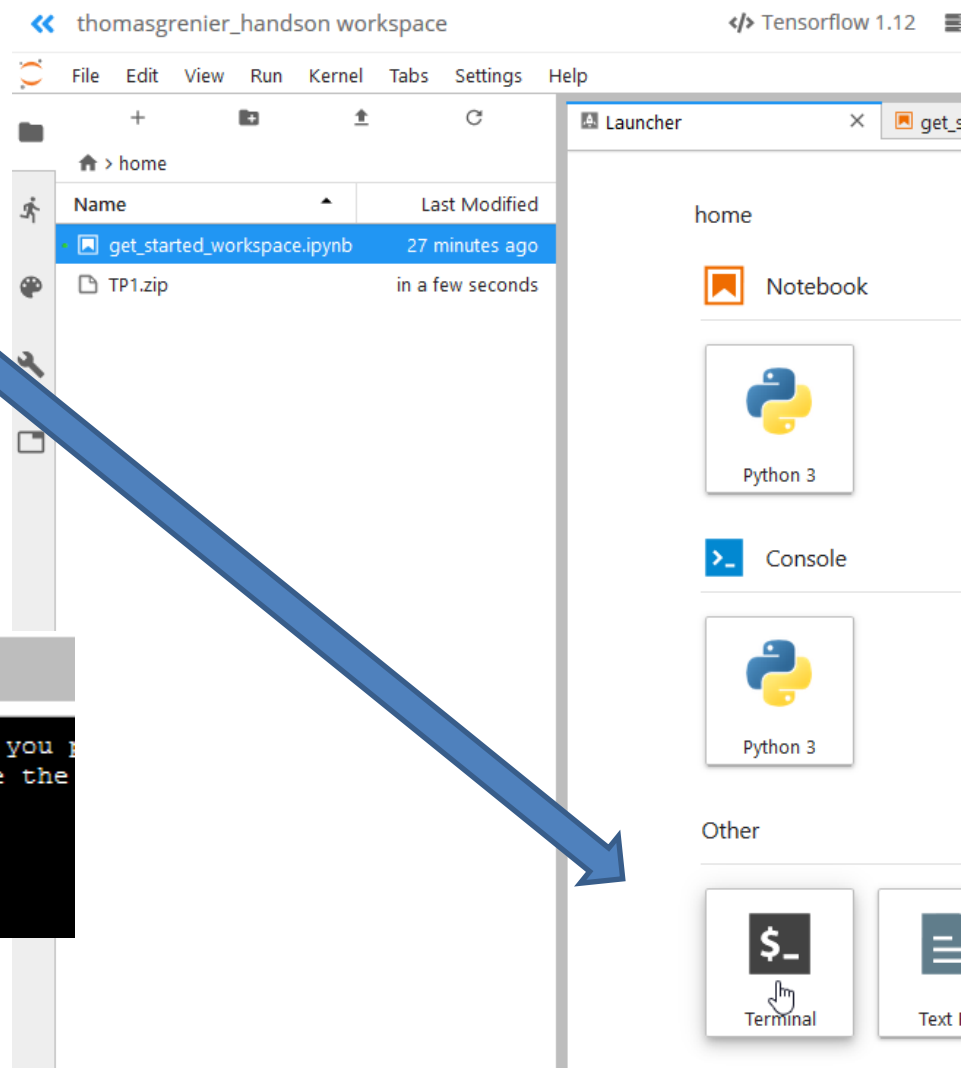
- Select launcher tab
- Select “Terminal”

- Then, enter
“unzip TP1.zip”

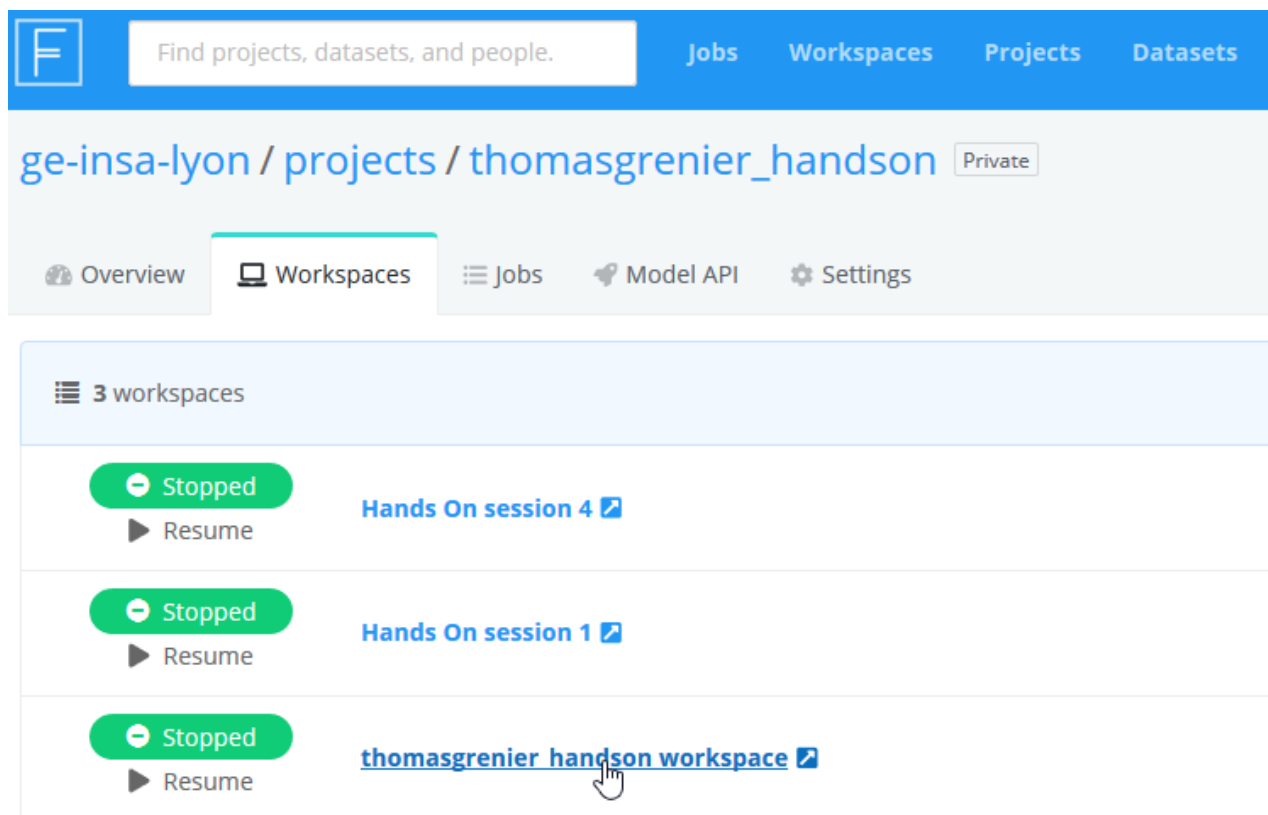


```
root@floydhub: /floyd/hom x get_started_workspace.ipyn x  
Idle timeout detection is disabled for terminals. If you p  
nds or training in this terminal, remember to disable the  
web UI.  
root@floydhub: /floyd/home# unzip TP1.zip
```

- **Done !**



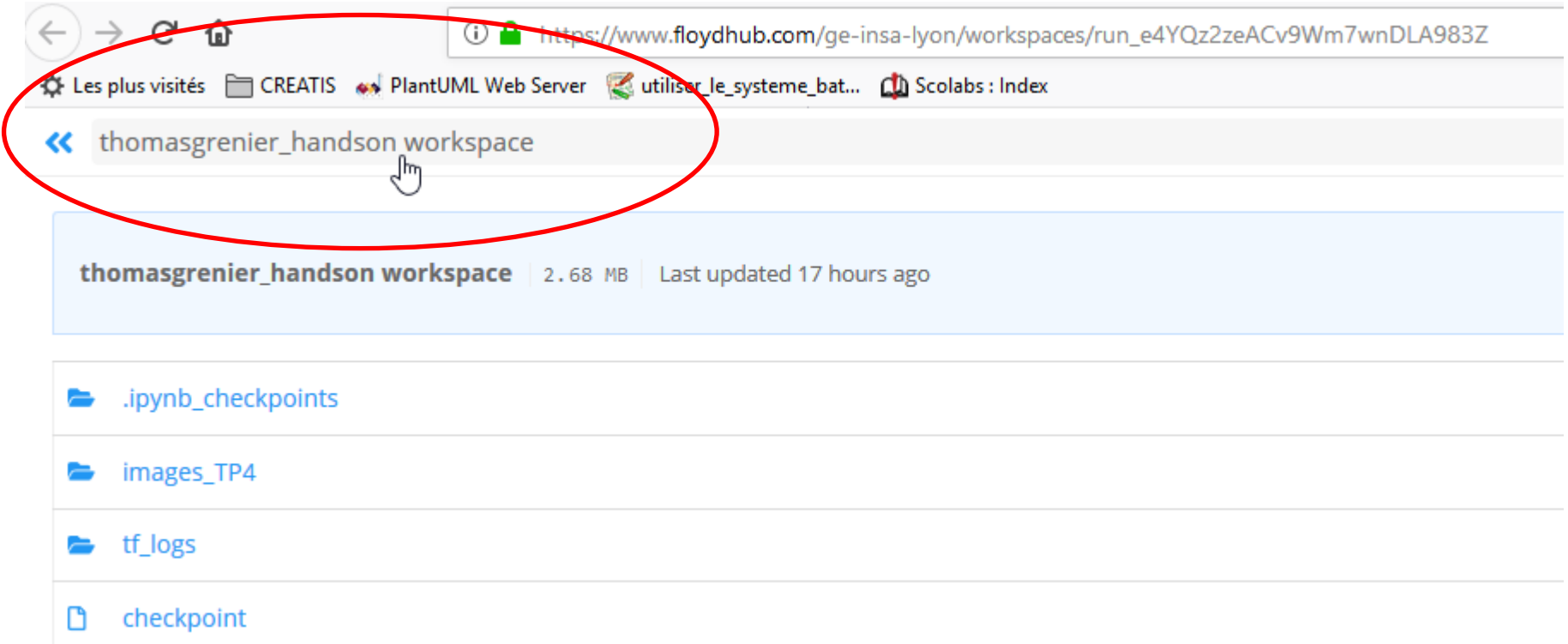
- **Recommended:** rename your workspace as you will have –at least- 4 workspaces in your project
 - First select the one you want to rename, simply clicking on it (the workspace can be running as in previous slide)



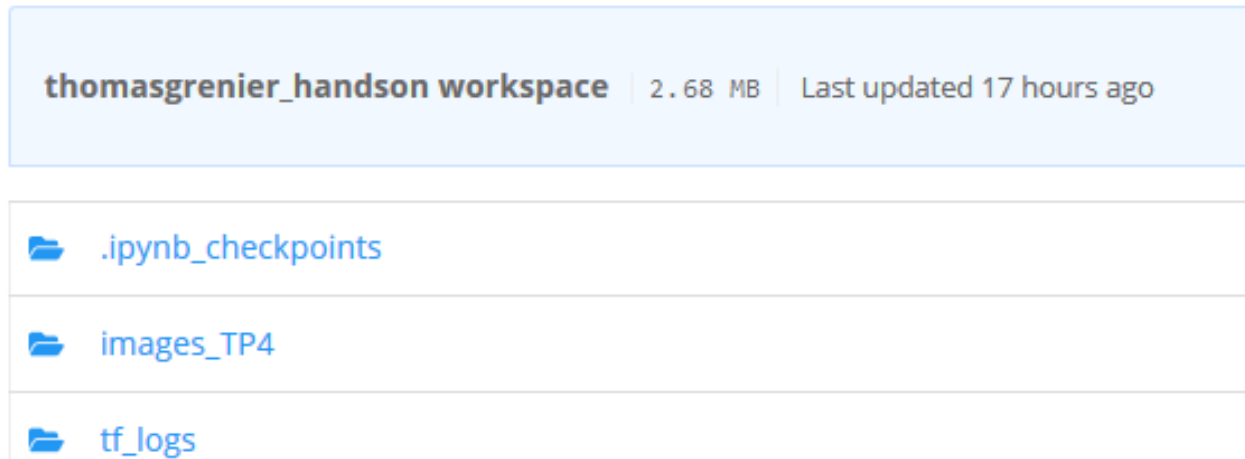
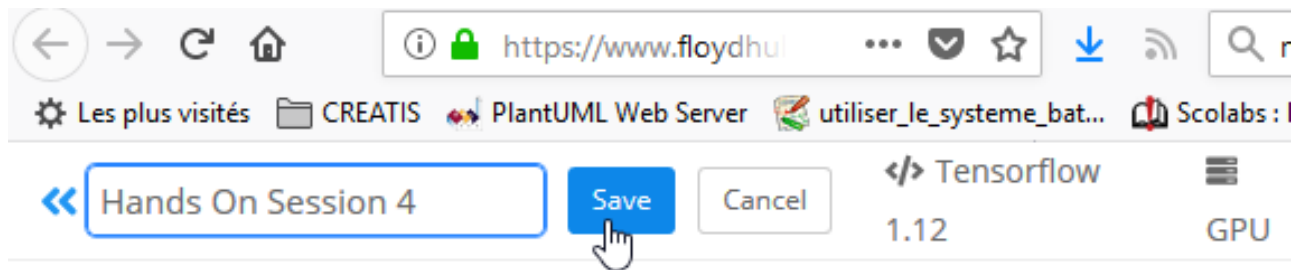
The screenshot displays the Databricks workspace management interface. At the top, there is a search bar with the text "Find projects, datasets, and people." and navigation tabs for "Jobs", "Workspaces", "Projects", and "Datasets". Below this, the breadcrumb path is "ge-insa-lyon / projects / thomasgrenier_handson" with a "Private" label. A secondary navigation bar includes "Overview", "Workspaces", "Jobs", "Model API", and "Settings". The main content area shows "3 workspaces" and a list of three workspace entries, each with a "Stopped" status and a "Resume" button. The third workspace, "thomasgrenier_handson workspace", is highlighted with a mouse cursor.

| Status | Workspace Name |
|---------|---------------------------------|
| Stopped | Hands On session 4 |
| Stopped | Hands On session 1 |
| Stopped | thomasgrenier_handson workspace |

- Then, click on the workspace name as shown below:



- 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...)



You want more information ?

<https://docs.floydhub.com/guides/workspace/>

