# Accessing & Exploring Interactive notebooks for creating Coast Salish basket motifs

**Document Content**

This document contains a detailed step-by-step description on accessing and using the a series of interactive notebooks exploring Coast Salish basket motifs. The document is divided into two main sections: Setup and Regular Access. The steps described in the Setup section need to be completed once per user account.

**Setup**

1. Log in.

Go to https://hub.callysto.ca/  The main page looks like the image below.
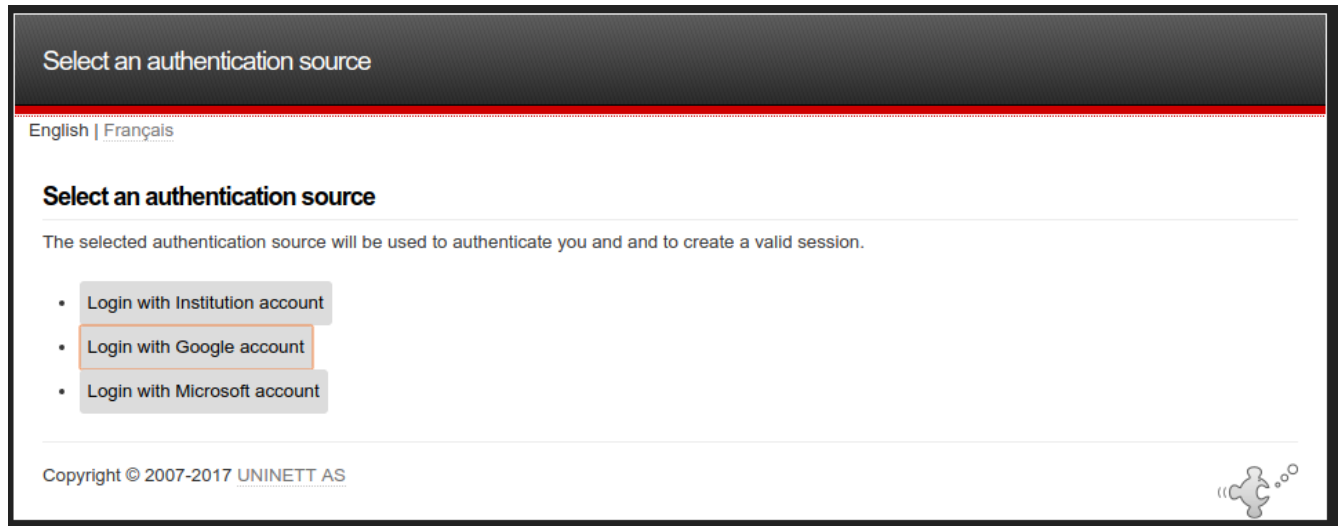
Press the log in button  .



Sign in with your account



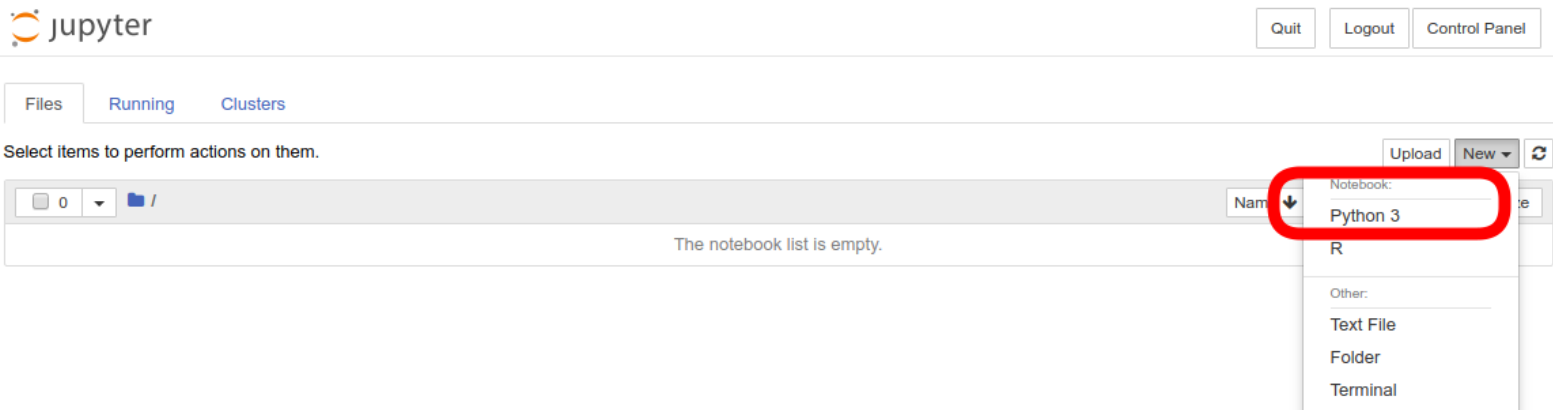Terms and conditions / Privacy Policy

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2. Select your preferred log in account: you can choose between Gmail and Microsoft Outlook in the event you are not associated with the institutions listed. Enter your login information.
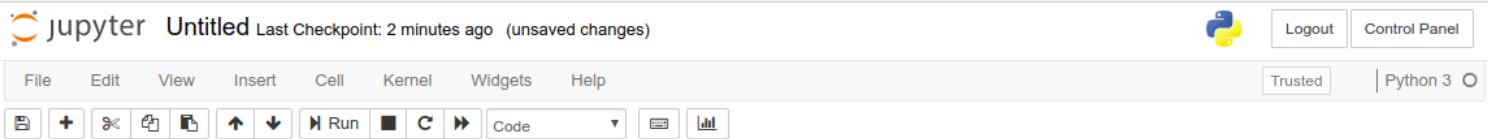


3. Once you have logged in, we will need to load the notebook content. Press the New button and select the Python 3 option. A new window will open.
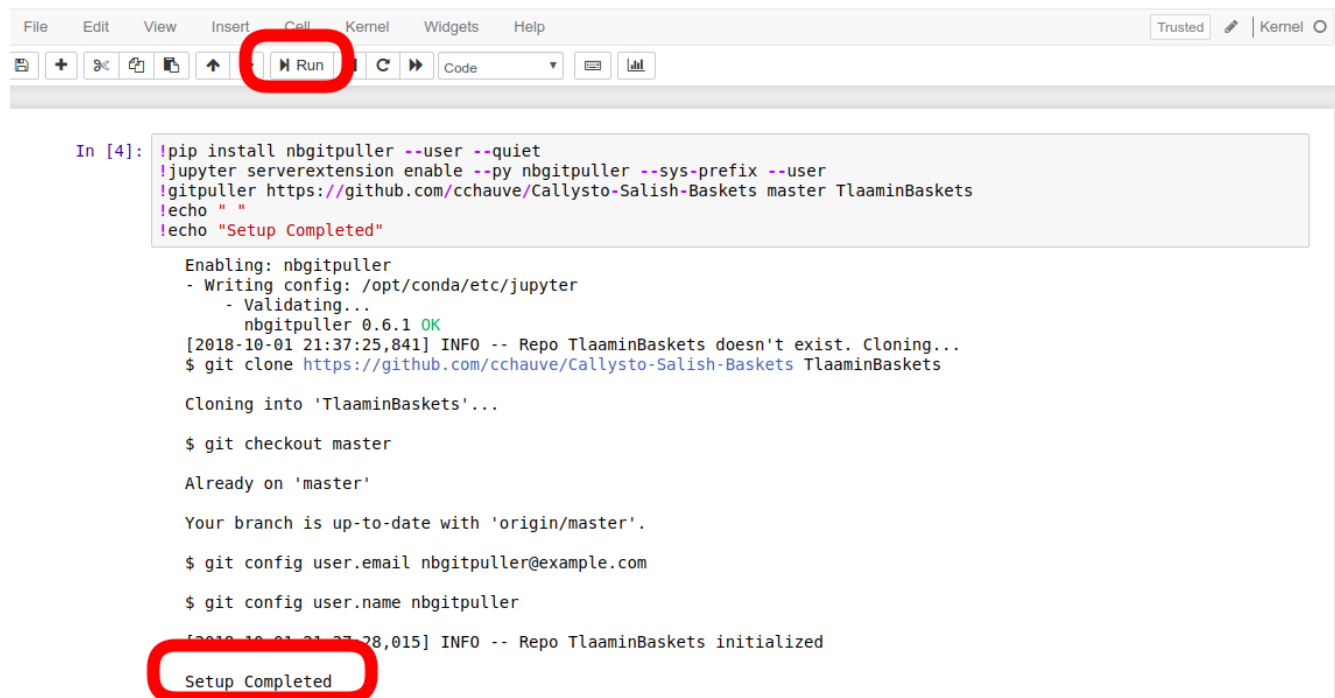
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4. On the new Window you will see a Jupyter notebook.



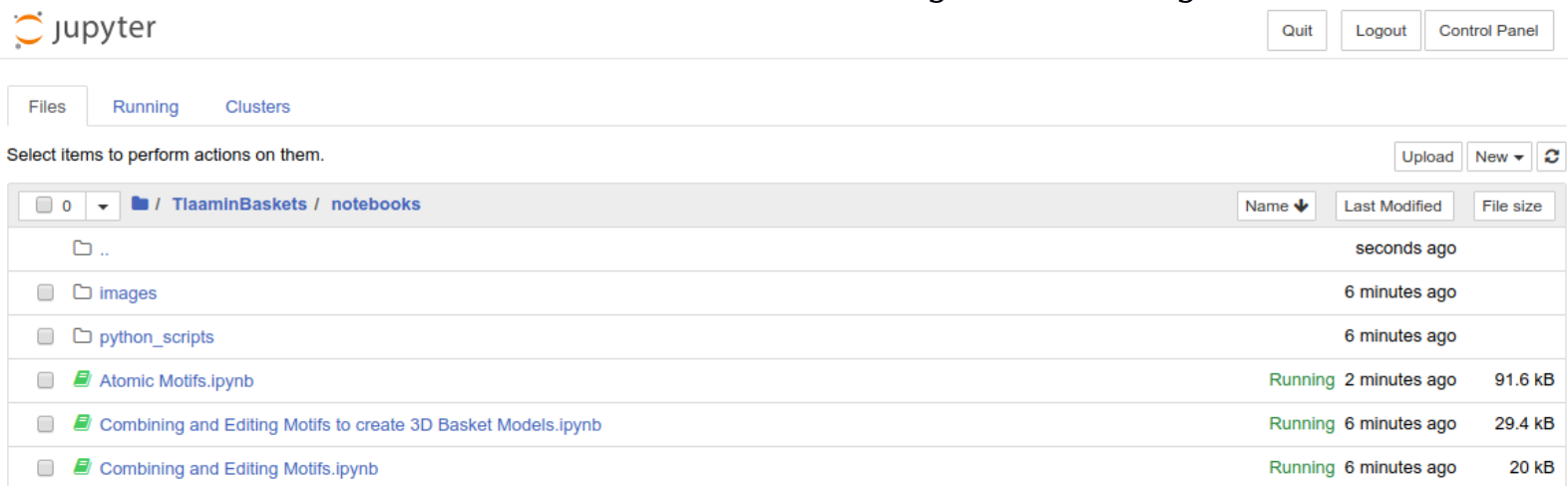5. Copy and paste the following text on the cell. Press the Run button.

!pip install nbgitpuller --user --quiet
!jupyter serverextension enable --py nbgitpuller --sys-prefix --user
!gitpuller https://github.com/cchauve/Callysto-Salish-Baskets master TlaaminBaskets
!echo " "
!echo "Setup Completed"

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Once the setup has been completed, the message "Setup Completed" will appear at the end.

We are now ready to access and explore the notebooks. You can either navigate to each notebook within the directories found under TlaaminBaskets/Notebooks, or via accessing the following links:



- **Atomic Motifs Notebook:**

https://hub.callysto.ca/jupyter/user/user-redirect/notebooks/TlaaminBaskets/notebooks/Atomic%20Motifs.ipynb

- **Combining and Editing Motifs**

https://hub.callysto.ca/jupyter/user/user-redirect/notebooks/TlaaminBaskets/notebooks/Combining%20and%20Editing%20Motifs.ipynb

- **Combining and Editing Motifs Notebook for 3D Preview**

https://hub.callysto.ca/jupyter/user/user-redirect/notebooks/TlaaminBaskets/notebooks/Combining%20and%20Editing%20Motifs%20to%20create%203D%20Basket%20Models.ipynb

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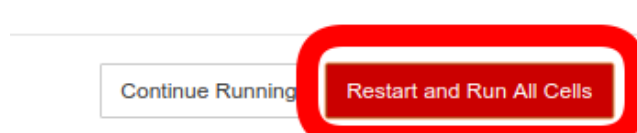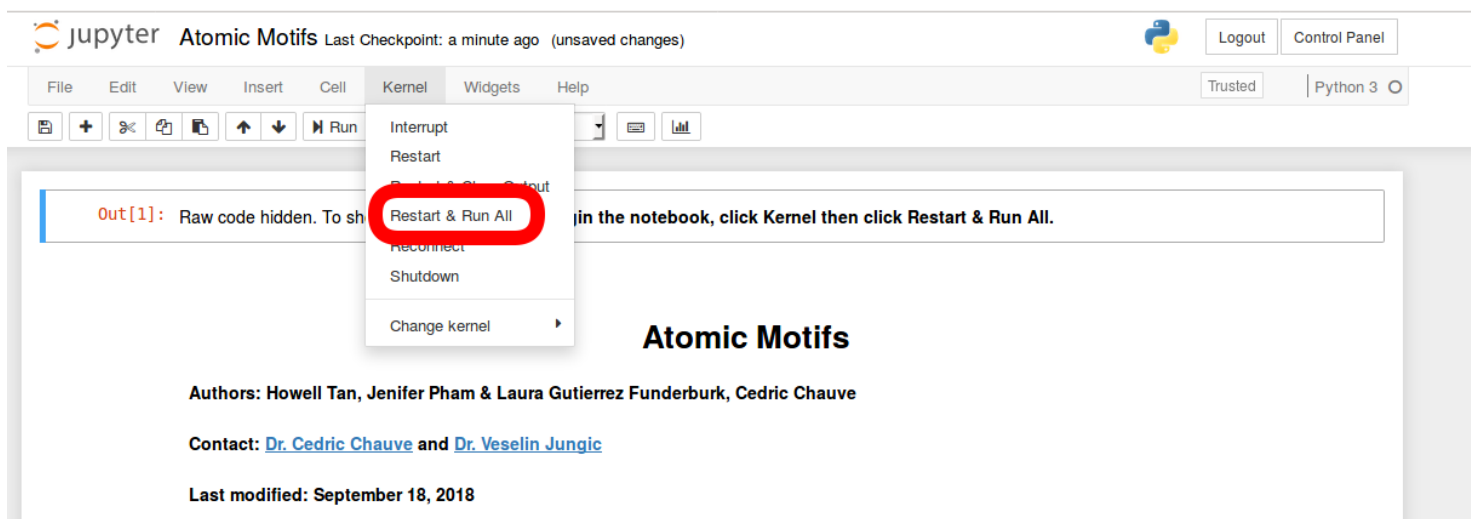
## Regular Access

The setup needs to be done once only. We are now ready to explore our notebooks. To access the notebooks after setting up, go to https://hub.callysto.ca/ and log in using the credentials you used for setup.

## Atomic Motifs Notebook

*In this notebook we explore basic traditional Tla'amin basket weaving patterns. We define what we call "atomic motifs", the smallest unit a traditional pattern can be broken down into, so that when we apply reflections and rotations we can re-create the original pattern.*

To explore this notebook, go to the link provided below and press the Restart & Run All under the Kernel menu. When prompted, press the red button.

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**Combining and Editing Motifs Notebook**

*In this notebook we combine and modify motifs either by combining one or more basic motifs, by modifying basic motifs or by creating a new basic motif.*

To explore this notebook, go to the link provided below and press the Restart & Run All under the Kernel menu. When prompted, press the red button.
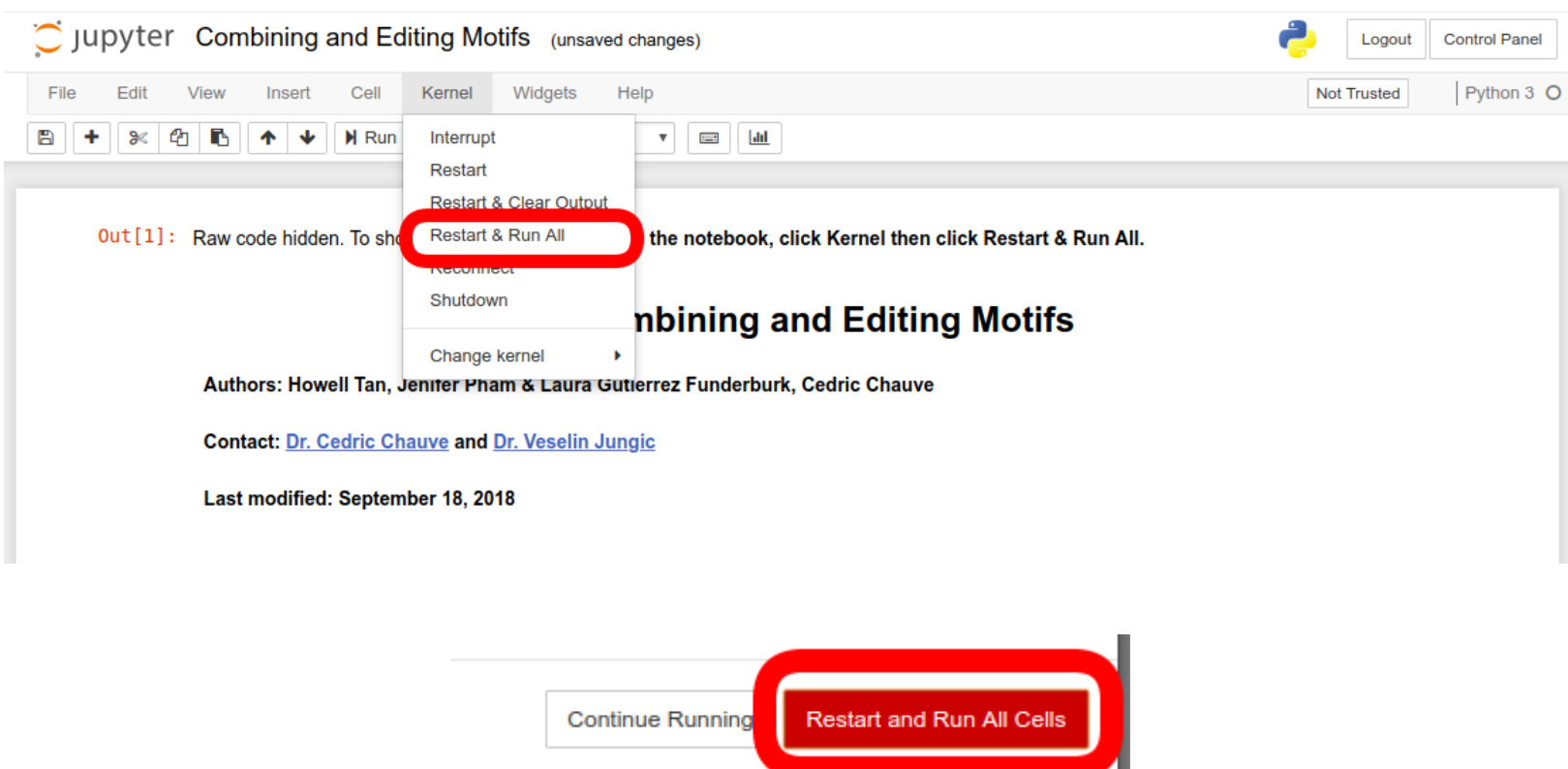
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### Combining and Editing Motifs to create 3D Basket Models Notebook

*Similar to the previous notebook, in this notebook we combine and modify motifs either by combining one or more basic motifs, by modifying basic motifs or by creating a new basic motif. We take this one step above and we preview 3D models of a basket with the motifs of our choice.*

To explore this notebook, go to the link provided below and press the Restart & Run All under the Kernel menu. When prompted, press the red button.