

Jupyter Community Workshop Proposal – nbgrader and Jupyter in Teaching

Title: nbgrader Hackathon/Sprint

Summary

The University of Edinburgh (UoE) is looking to host a Jupyter community event based on the use of Jupyter notebooks within teaching. The core of this will be a gathering of key core contributors and local stakeholders and contributors for a nbgrader focused code sprint. Local Jupyter contributors within UoE have already spent time working on fixes and improvements for nbgrader which they are looking to release back to the community and this workshop would be able to build on this work.

Alongside this, we plan to run introductory open workshops to using Jupyter for teaching targeted at local communities we have already engaged as well as those new to Jupyter. These workshops would be attended by teaching staff from local high schools as well as those from many disciplines across the UoE.

Goals

- Improvements and fixes for nbgrader, especially in relation to its use alongside Jupyterhub when dealing with multiple students
- Increase the profile of Jupyter notebooks within the local FE and HE teaching community
- Increase the profile of nbgrader as an assessment tool for Jupyter notebooks
- Gain specific user feedback for recommended or

requested Jupyter features

Audience

The audience for the nbgrader code sprint will be core Jupyter community members, local developers, the local Jupyter teaching community and those who teach computation or programming but do not currently have an automated assessment method. The wider introductory workshops will be aimed at attracting members of the local FE and HE teaching community who are looking to update their teaching materials or teaching methods. The University of Edinburgh has been working with our partner EDINA to develop a Jupyterhub system that would allow this audience an easy path to integrate Jupyter into their teaching.

Be Involved

We are currently looking for expressions of interest from Jupyter community members, especially core contributors to Jupyter. This event, if selected, will be held in mid-late May 2019. Give the following brief a once-over, if you would like to add your name to this or be involved then please use the Google Form to express your interest in joining us for an amazing event!