Kepler Database

Source
Object
KEPPC
KEPFP

uwpyKepler

The core modules of uwpyKepler live here.

deprecated

Obsolete versions of uwpyKepler live here.

Test Scripts
Essential test_scripts go here.
For e.g. test_pipeline

In the future we may even add folders for essential Plotting and planet finding scripts here.

Results DB
In the future we may have to store the massive amounts of data we generate in a database instead of local files.

The details of what goes into this database are not yet decided.

Scripts Working Folder ('kepwork')

This is where all your work should be. You should not work in uwpyKepler or its sub-folders for anything other than (1) correcting or adding stuff in the core modules, or (2) adding "essential" scripts to the Test Scripts folder. How do you know if a script is essential? Well, you wait for word from the "scriptkeeper" i.e. me, to say something like "That script is great, let us imprison it forever in Test Scripts."

Otherwise we just leave the script in your working folder. In this working folder, you may organize your scripts under more sub-parts, if you want; the system I use is shown below. You can make your own.

Testing Scripts
Scripts to test various ISSUES we post on github live here.
I give them obvious names like testISSUE14.py and so on.
When a given issue is reopened I just need to go to the right file.

Plotting
Scripts to make plots go here and even the resulting plots can be stored here.

Planet Finding
and Finally when we get to it (pretty soon I hope) all our planet finding scripts and results will be here.

user1, user2, user3...
Each user utilizes the same version of uwpyKepler with their working scripts to explore KIDs in different Kepler SkyGroups, next, the results are sent to Results DB. Which in turn may be queried to make plots from our findings.