Getting Started with Moving Over to Coffea-Casa

← → C ☆
○ A = https://coffea.casa/hub/login

⊗ Getting Started ⊗ New Tab

◯ Jupyterhub

C → C ☆

⊗ Getting Started ⊗ New Tab

○ D Other Bookmarks

CMS Analysis Facility @ T2_US_Nebraska

Go to <u>https://coffea.casa/hub/login</u> or simply type *coffea.casa* in the address bar



Authorized CMS Users Only!

To login into the Coffea-Casa Analysis Facility, you will need to get a CMS OAuth token.

To get a token you need to a) be member of CMS and b) register with the OAuth service at: CMS-Auth.web.cern.ch

Useful Links

Coffea-Casa Support Page Coffea-Casa Docs



Watch here for announcements! Authorized CMS Users Only: Sign in with CMS SSO

Click Here to Begin

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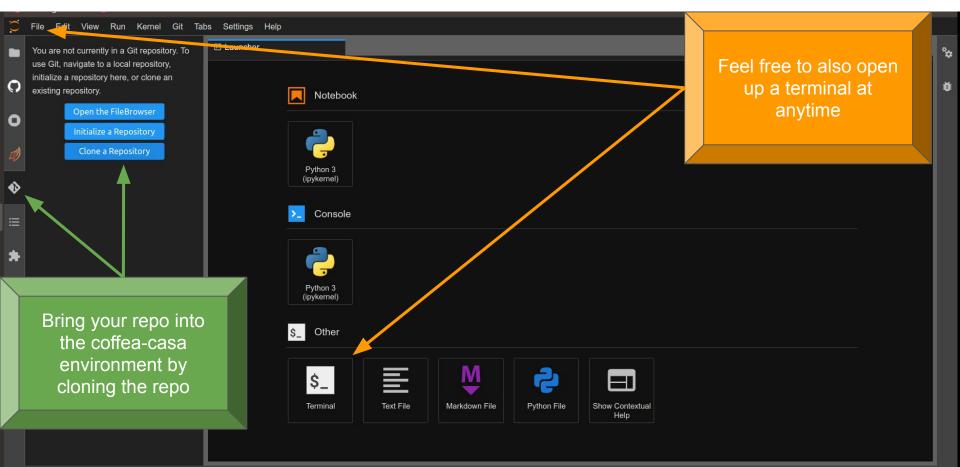
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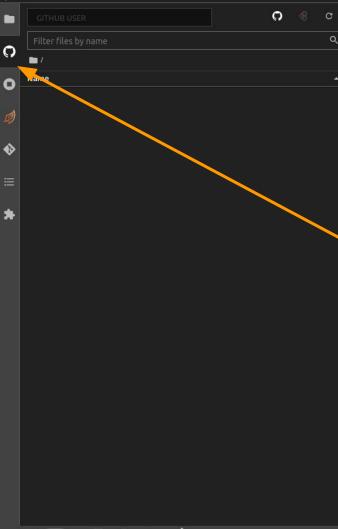
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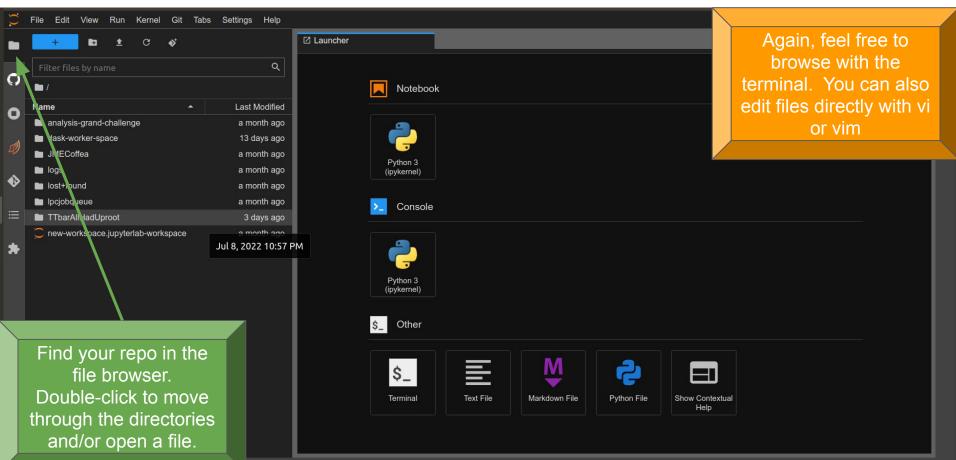


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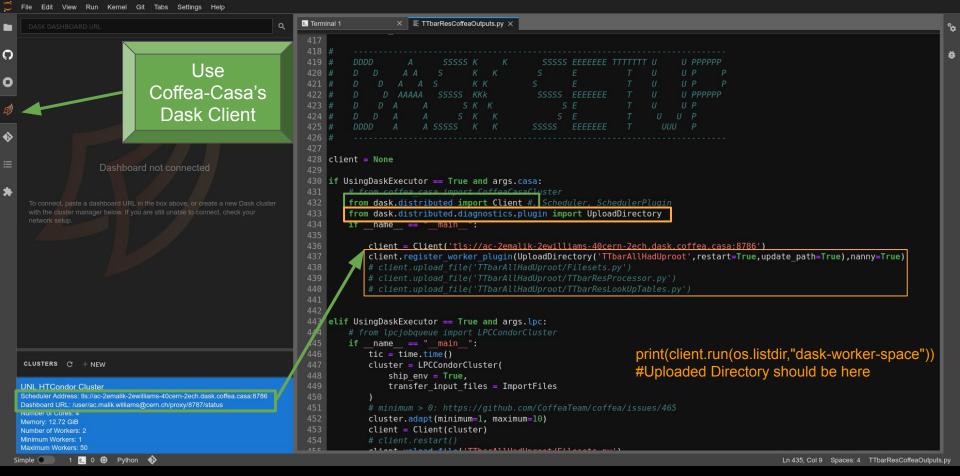
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>	Open the FileBrowser Initialize a Repository		
	Clone a Repository	Python 3	
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You can also search for git repos directly from the coffea-casa interface if you'd like



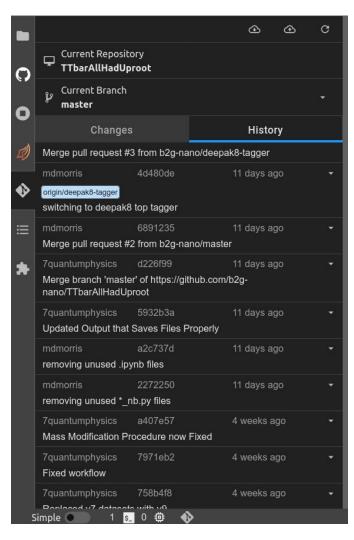
Using the Provided Dask Scheduler in Coffea-Casa



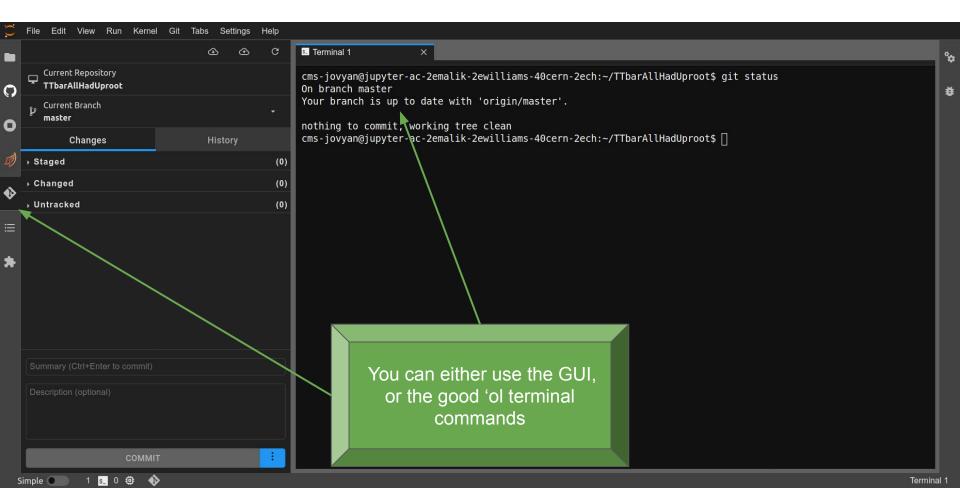
Add the *Scheduler Address* to the client definition

You can simply upload individual files to the client if you'd like, but if you need to upload a directory of files that an uploaded file depends on, you will need to import and use *UploadDirectory*. You can also simply upload a directory that contains everything the client needs in order for the dask-workers to access them; no need to use *client.upload_file* on individual files.

Coffea-Casa GUI for Handling Github Shenanigans



Github branch status' are always being checked.



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Current Repository TTbarAllHadUproot		cms-jovyan@jupyter-ac-2emalik-2ewilliams-40cern-2ech:~\$ cd TTbarAllHadUproot/ cms-jovyan@jupyter-ac-2emalik-2ewilliams-40cern-2ech:~/TTbarAllHadUproot\$ git status	ă
မှု Current Branch master			
Changes	History	(use "git add <files" be="" committed)<="" th="" to="" update="" what="" will=""><th></th></files">	
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TTbarResCoffeaOutputs.py	0 D 7 -	cms-jovyan@jupyter-ac-2emalik-2ewilliams-40cern-2ech:~/TTbarAllHadUproot\$ []	
		Stage this change	
Summary (Ctrl+Enter to commit) COMMIT		Click the + sign next to the file that is marked as <i>Changed</i> to add it (stage it)	
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	© Current Branch master	On branch master Your branch is up to date with 'origin/master'.	
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*	Removed Unnecessary Commented Lines Made the code look prettier. Also, I made this commit for the sole purpose of demonstrating how to use coffee.case Commit	Once added (listed in <i>Staged</i>) you can add a commit message and click <i>COMMIT</i> at the bottom	
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•	nothing to commit, working tree clean cms-jovyan@jupyter-ac-2emalik-2ewilliams-40cern-2ech:∼/TTbarAllHadUproot\$ []	
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