A central entry point for training material

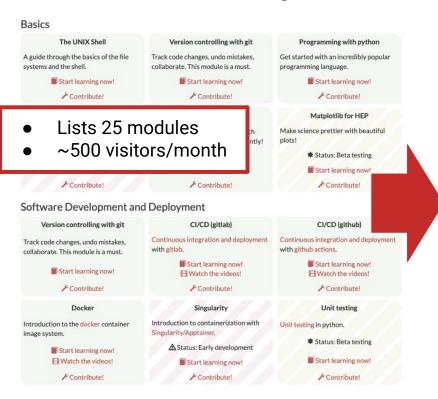
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Background

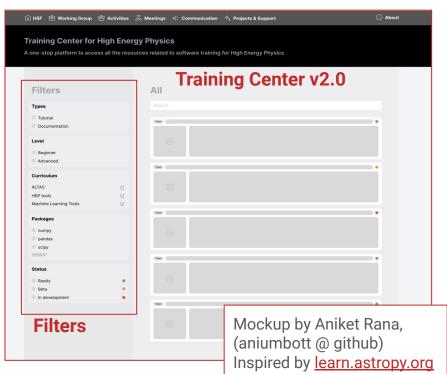
Current Training Center

Served us well, but becoming crowded



"Central Entry Point"

Various Filters → Scales! Inspiration: learn.astropy.org





Background

- Pitched as Google Summer of Code project (proposal)
- Ultimately didn't get funded
- Had started selecting candidates & proposals (lots of interest, O(30) applicants)
- As part of this, got several working prototypes that were completed in the 24-48h qualification tasks
 - https://github.com/Aniumbott/demo-training-center 0
 - [private] https://github.com/BimsaraBodaragama/gsoc-training-center-2023 0
 - https://github.com/developingright/Training-Center-Task 0
 - [private] https://github.com/emanuele-em/training-center 0
 - [private] https://github.com/Hetarth02/gsoc2023-cern-qualification-task 0
- Some of the contributors might still be interested to collaborate on this



Renewed interest

- The topic came up in the recent pyHEP.dev workshop (discussion notes) with two more "flavors":
 - An "analysis gallery" to show how to combine the different tools of Scikit-HEP and solve specific use cases
 - How is this different from tutorials?
 - In tutorials we try to teach the bare basics to everyone in great verbosity
 - These will be more specific and terse
 - This idea has been around for quite some time (see this old issue) 0
 - Loosely inspired by the matplotlib gallery 0
 - Similar perhaps to **ROOT tutorials** 0
 - This might be most closely related to original idea from learn.astropy.org/ 0

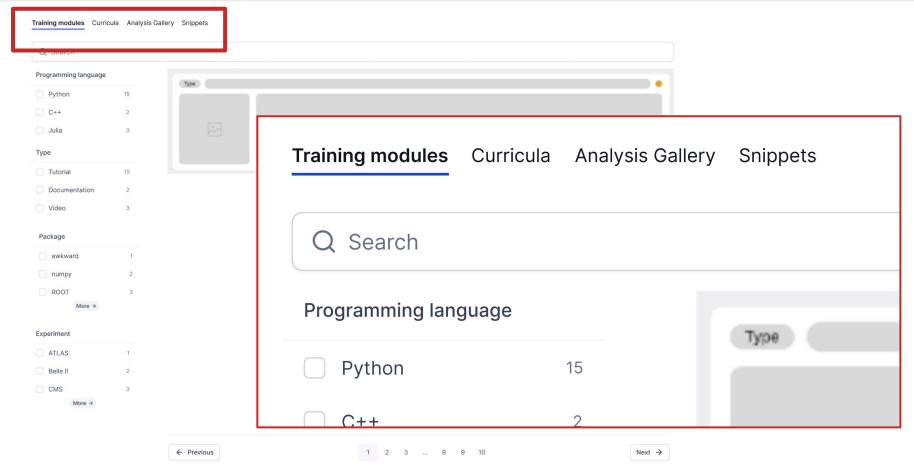


Renewed interest

- The topic came up in the recent pyHEP.dev workshop (discussion notes) with two more "flavors":
 - A "analysis gallery"
 - A "snippets archive" (this might have been mostly private discussion with Jim):
 - A place to store and permalink small pieces of code and explanation
 - **Use case:** Preserve all the small answers to small questions that come up often
 - **Possible alternative:** A forum that we actually all use (discussion elsewhere)
- These 3 use cases share quite a few requirements

Can we combine these?

Training center



Can we combine these?

	Tutorials	Gallery	Snippets
Filters	same		
How is material hosted	Off-site and only linked	[TBD] Jupyter notebook, Markdown, or off-site	Markdown (?)
Alternatives		Simple Jupyter book (no filtering), possibly	A forum
Prototypes / inspiration / implementation	Already have prototypes	learn.astropy.org	?

Next steps

Today

Proposal: Fix scope and goals

Mock up: Can modify figma template

Starting point: Look through existing solutions/frameworks

Start implementation