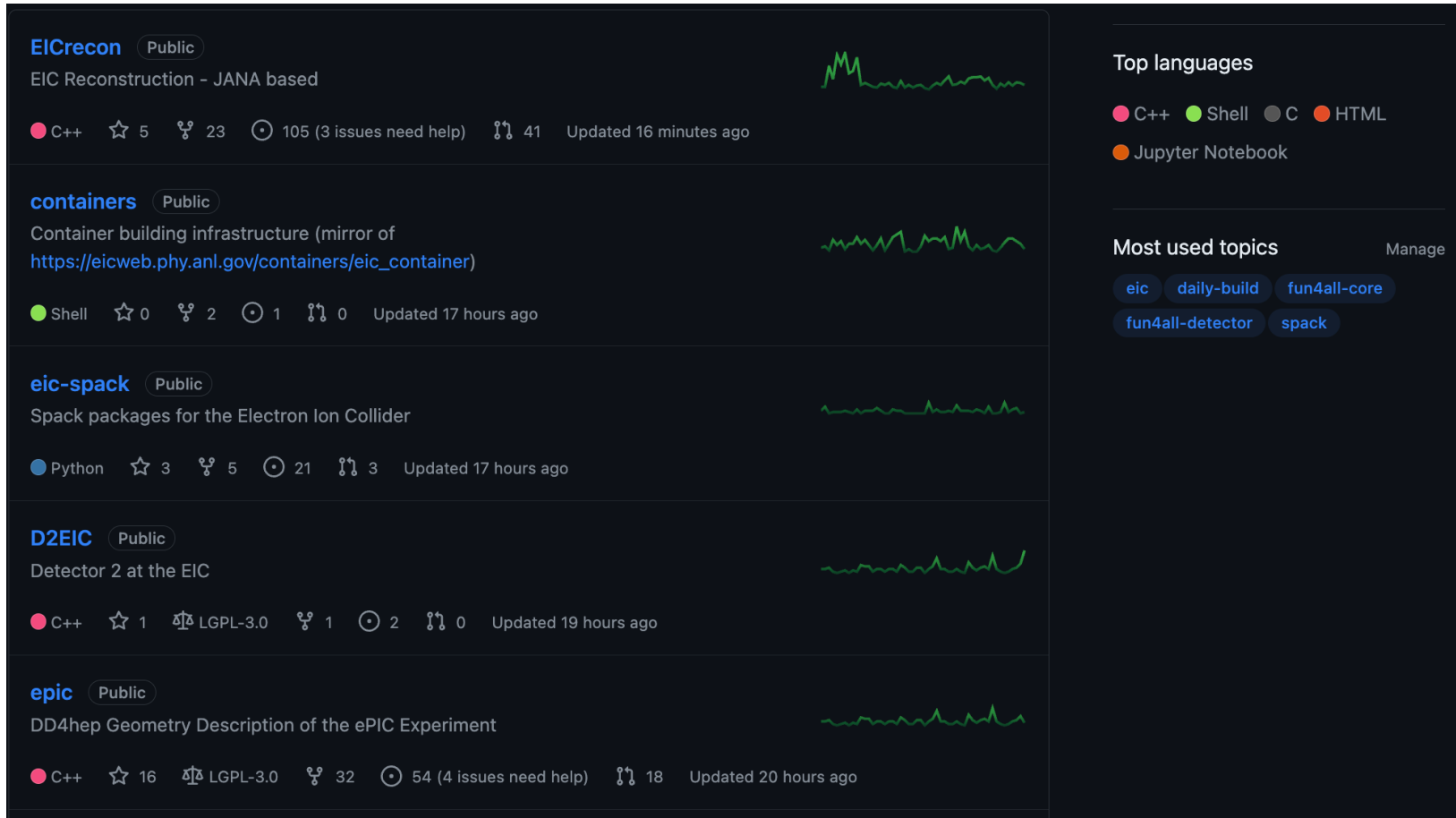


Software – D2EIC on github repository

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Milestone – EIC 2nd detector “official” repo



The screenshot displays a list of GitHub repositories related to the EIC (Electron Ion Collider) project. Each repository entry includes the repository name, its public status, a brief description, and various statistics such as stars, forks, issues, and pull requests. A green line graph is visible to the right of each repository name, likely representing a trend or activity metric. The right sidebar shows 'Top languages' and 'Most used topics'.

Repository Name	Public	Description	Language	Stars	Forks	Issues	Pull Requests	Updated
EICrecon	Public	EIC Reconstruction - JANA based	C++	5	23	105 (3 issues need help)	41	Updated 16 minutes ago
containers	Public	Container building infrastructure (mirror of https://eicweb.phy.anl.gov/containers/eic_container)	Shell	0	2	1	0	Updated 17 hours ago
eic-spack	Public	Spack packages for the Electron Ion Collider	Python	3	5	21	3	Updated 17 hours ago
D2EIC	Public	Detector 2 at the EIC	C++	1	1	2	0	Updated 19 hours ago
epic	Public	DD4hep Geometry Description of the ePIC Experiment	C++	16	32	54 (4 issues need help)	18	Updated 20 hours ago

Top languages

- C++
- Shell
- C
- HTML
- Jupyter Notebook

Most used topics Manage

- eic
- daily-build
- fun4all-core
- fun4all-detector
- spack

Under EICUG

<https://github.com/eic/D2EIC>

Already a few merges

The screenshot shows the GitHub interface for the repository 'eic / D2EIC'. The 'Pull requests' tab is active, displaying a list of merged pull requests. The interface includes a search bar, navigation tabs (Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings), and a 'New pull request' button. The pull request list includes:

Open/Closed	Author	Label	Projects	Milestones	Reviews	Assignee	Sort
0 Open / 5 Closed							
✓	jiheekim222				1		1
	KongTu				1		
	KongTu				1		
	jiheekim222				1		1
	pingwong				1		1

ProTip! Exclude your own issues with `-author:KongTu`.

Developments from Ping and Jihee are already merged:

- Solenoid dimension with 2T field
- IP8 beamline with FF detectors (like a simple testing RPs)
- all names are changed to D2EIC instead of epic,
- and more...

General procedure

- Issue-based process:
 - Create an issue
 - A new branch for this specific development
 - Pull request
 - At least a reviewer to review the changes that is not the developer.
 - Merge to main.
- Ping, Jihee, and myself have already done a few successfully.
- Other people will be required to follow this procedure to be well organized for the entire D2 development.

Summary

- Milestone – we have a dedicated repository – D2EIC.

<https://github.com/eic/D2EIC>

- Easy part is done, now we need to think about what to implement in terms of geometry, technology, and also reconstruction!
- We welcome new developers!