

# GlueX Repository Structure

- 1 Listing of repositories in prominent, accessible place on GlueX wiki.
- 2 All gitHub repos are under `github.com/JeffersonLab`.
- 3 Management based on teams - GlueX.

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## build\_scripts

- [https://github.com/jeffersonlab/build\\_scripts.git](https://github.com/jeffersonlab/build_scripts.git) 
- `file:///group/halld/Repositories/build_scripts`

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## git\_test

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## gluex\_simulations

- [https://github.com/jeffersonlab/gluex\\_simulations.git](https://github.com/jeffersonlab/gluex_simulations.git) 
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## hdds

- <https://github.com/jeffersonlab/hdds.git> 
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## hdpm

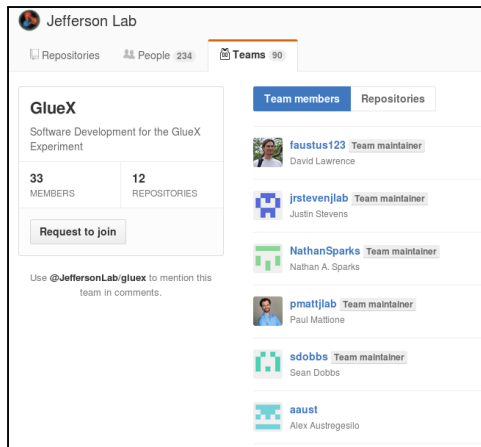
- <https://github.com/jeffersonlab/hdpm.git> 
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## sim-recon

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# GlueX Repository Structure



The screenshot shows the GitHub team page for 'Jefferson Lab'. At the top, it displays 'Jefferson Lab' with a profile picture, and navigation links for 'Repositories', 'People 234', and 'Teams 90'. The main section is titled 'GlueX' and includes the description 'Software Development for the GlueX Experiment'. It shows '33 MEMBERS' and '12 REPOSITORIES'. A 'Request to join' button is visible. Below this, a list of team members is shown, each with a profile picture, username, and role as 'Team maintainer':

- faustus123** (David Lawrence)
- jrstevenjab** (Justin Stevens)
- NathanSparks** (Nathan A. Sparks)
- pmattjab** (Paul Mattione)
- sdobbs** (Sean Dobbs)
- aaust** (Alex Austregesillo)

## GlueX gitHub team:

- 33 members
- 12 repos

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# GlueX Repository Structure

Jefferson Lab

Repositories People 234 Teams 90

## GlueX

Software Development for the GlueX Experiment

33 MEMBERS 12 REPOSITORIES

Request to join

Use @JeffersonLab/glueX to mention this team in comments.

**Team members** Repositories

- faustus123** Team maintainer  
David Lawrence
- jrstevenjlab** Team maintainer  
Justin Stevens
- NathanSparks** Team maintainer  
Nathan A. Sparks
- pmattjlab** Team maintainer  
Paul Mattione
- sdobbs** Team maintainer  
Sean Dobbs
- aaust**  
Alex Austregesilo

Jefferson Lab

Repositories People 234 Teams 90

## GlueX

Software Development for the GlueX Experiment

33 MEMBERS 12 REPOSITORIES

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**Team members** **Repositories**

- JeffersonLab/HDEventStore
- JeffersonLab/build\_scripts
- JeffersonLab/git\_test
- JeffersonLab/glueX\_install
- JeffersonLab/glueX\_root\_analysis
- JeffersonLab/glueX\_simulations
- JeffersonLab/glueX\_workshops
- JeffersonLab/hd\_calibration
- JeffersonLab/hd\_utilities
- JeffersonLab/hdds
- JeffersonLab/hdpm
- JeffersonLab/sim-recon

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# Proposal for First Experiment Code Management

- 1 Access to CLAS12 code should be easy and obvious!
  - 1 GitHub search of 'JLab' yields 144 hits.
  - 2 Unscientific survey finds 28 'possible' CLAS12 repositories on four different user accounts.
- 2 Use git/GitHub - web accessible, widely used, lots of features.
- 3 Build wikis, websites here to make access hard to miss.
- 4 Central listing of repositories.
- 5 Organize repositories around GitHub teams.
  - 1 For example, Clara developers may have little overlap with *gemc*.
  - 2 Team members approve pull requests.
  - 3 Quality control would fall on the teams.
- 6 Hall D has already worked through many of these changes..
- 7 Likely need a human to watch over things.