

# Status of gitlab migration and ADVANCE CI/CD system for ENDF

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**BROOKHAVEN**  
NATIONAL LABORATORY



# Hardware status

- **Gitlab** [git.nndc.bnl.gov](http://git.nndc.bnl.gov) is operational, but we have not started moving projects yet (server is 2 weeks old! and still hiding behind firewall)
- **ADVANCE** [advance2.nndc.bnl.gov](http://advance2.nndc.bnl.gov) is operational and has replaced [advance1.nndc.bnl.gov](http://advance1.nndc.bnl.gov)
  - In production since mid-summer
  - Build reports pushed out to <http://www.nndc.bnl.gov/endl/b7.dev/qa/index.html> (I should really change that URL)
- **GForge** [ndclx4.bnl.gov](http://ndclx4.bnl.gov) still operational, we will begin moving projects after Nuclear Data Week
  - Will remain in production for a while

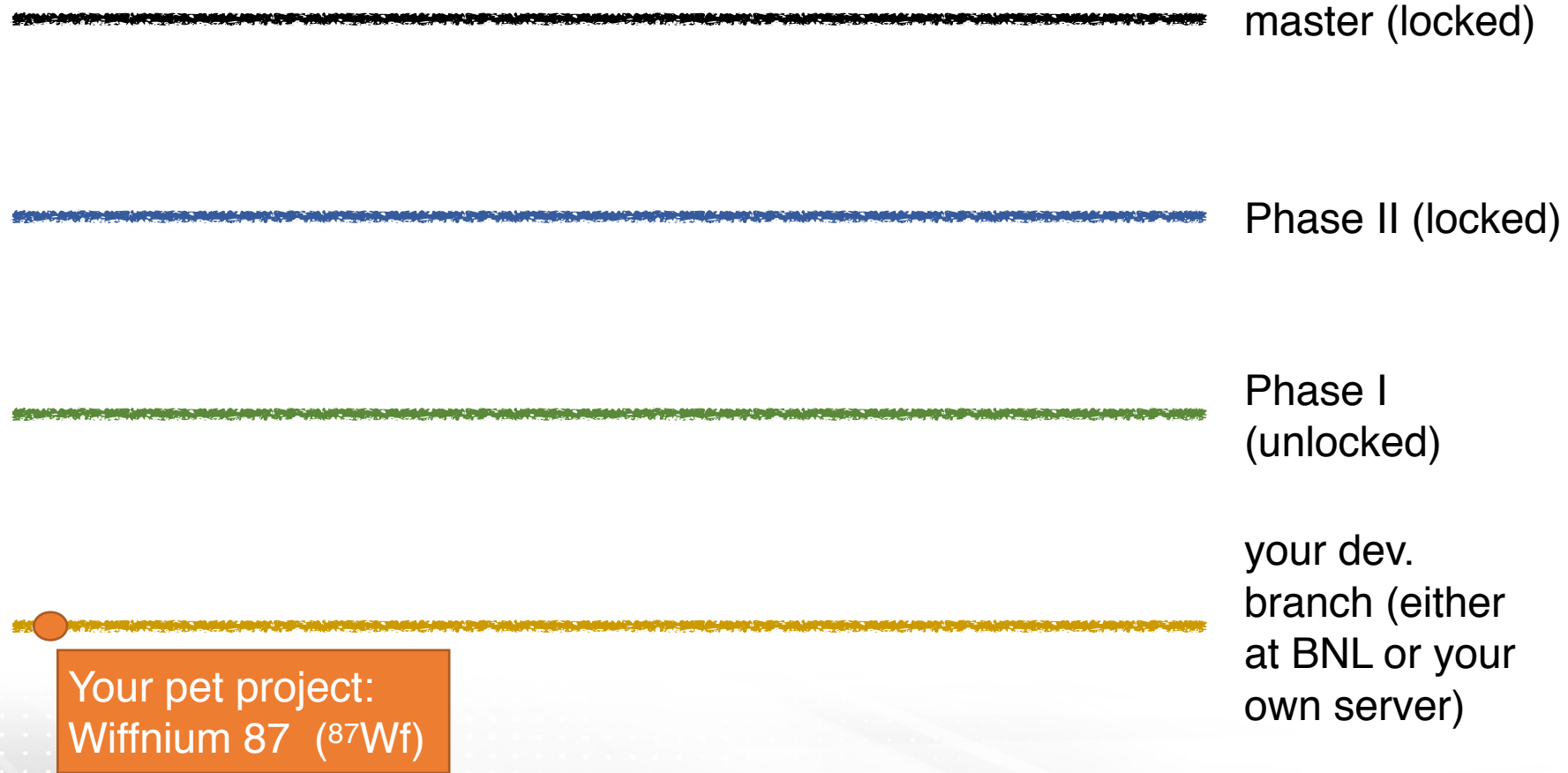
# Planned (re)organization of ENDF projects

- **endf6man** to be renamed to “**endfformat**”
- **endf7** to be renamed to just “**endf**” & possibly split into 1 git repo/sublibrary
  - Issue is the trackers — gitlab (cheap version) allows one Issue Board per project
- “New” project: **endftools** — new home for ENDF checking codes

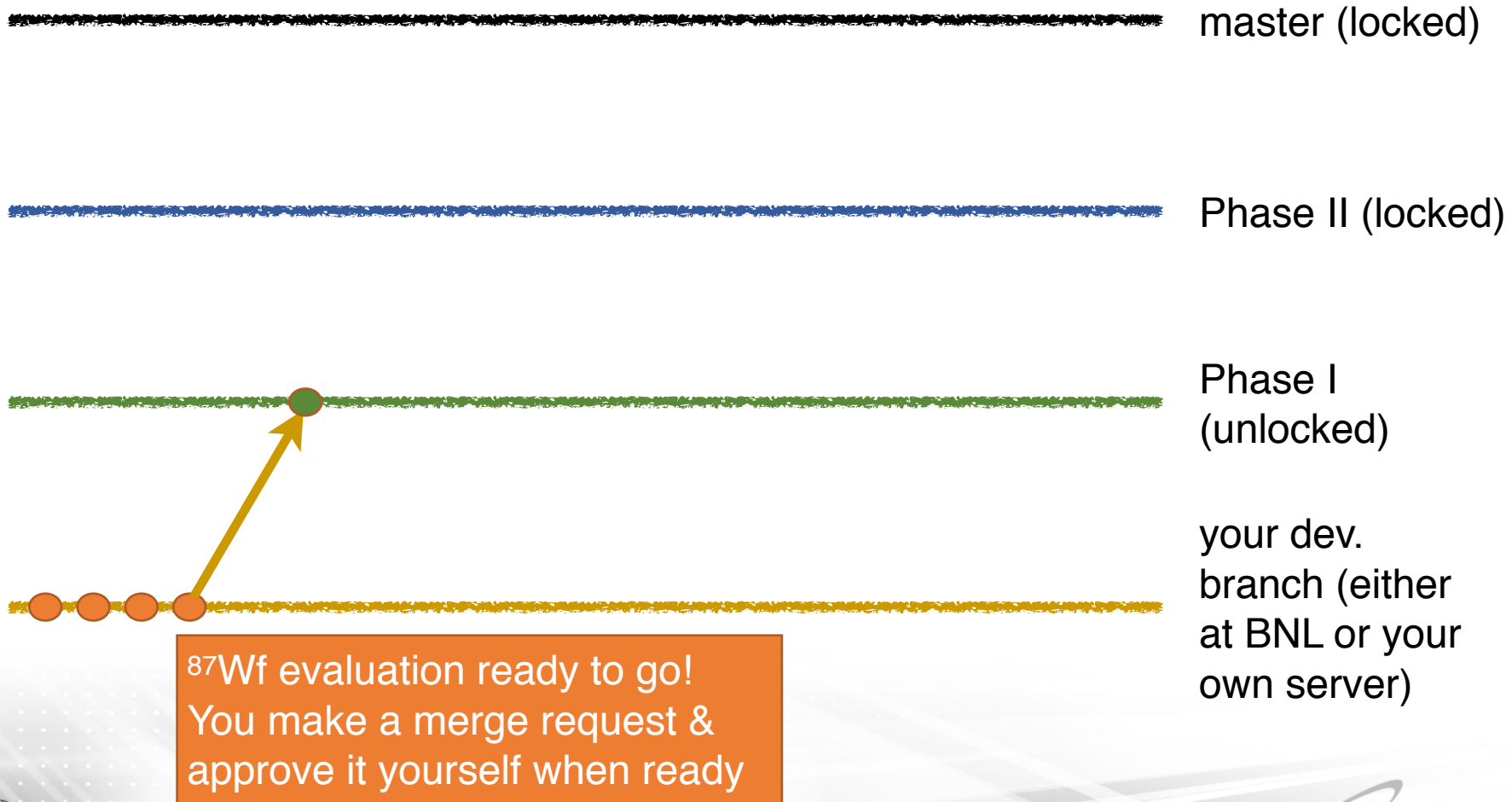
Participation is by invitation only  
(to avoid spamming from outside CSEWG)

No additional, non-ENDF or non-BNL, projects to be allowed

# ENDF project branches & workflow (names subject to change)



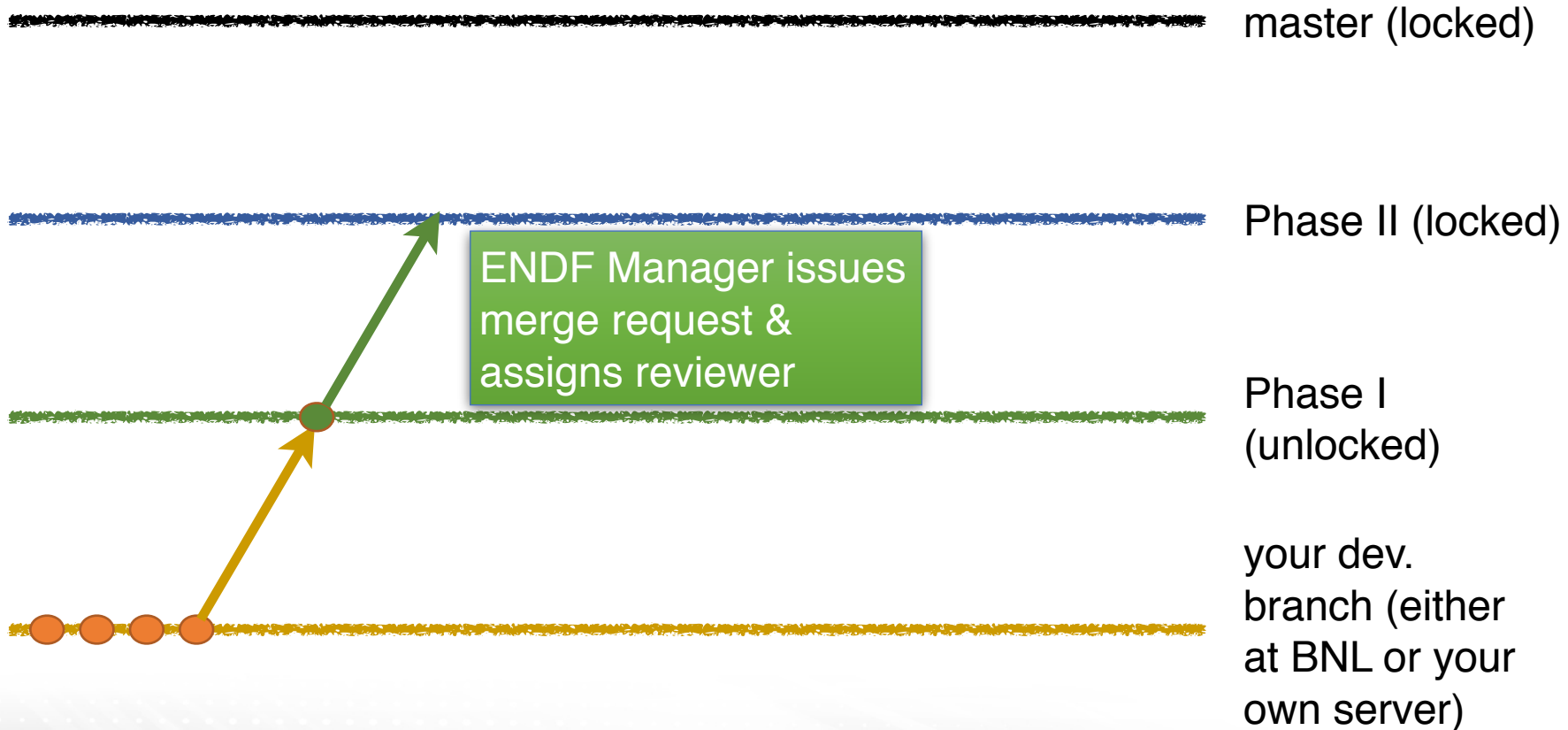
# ENDF project branches & workflow (names subject to change)



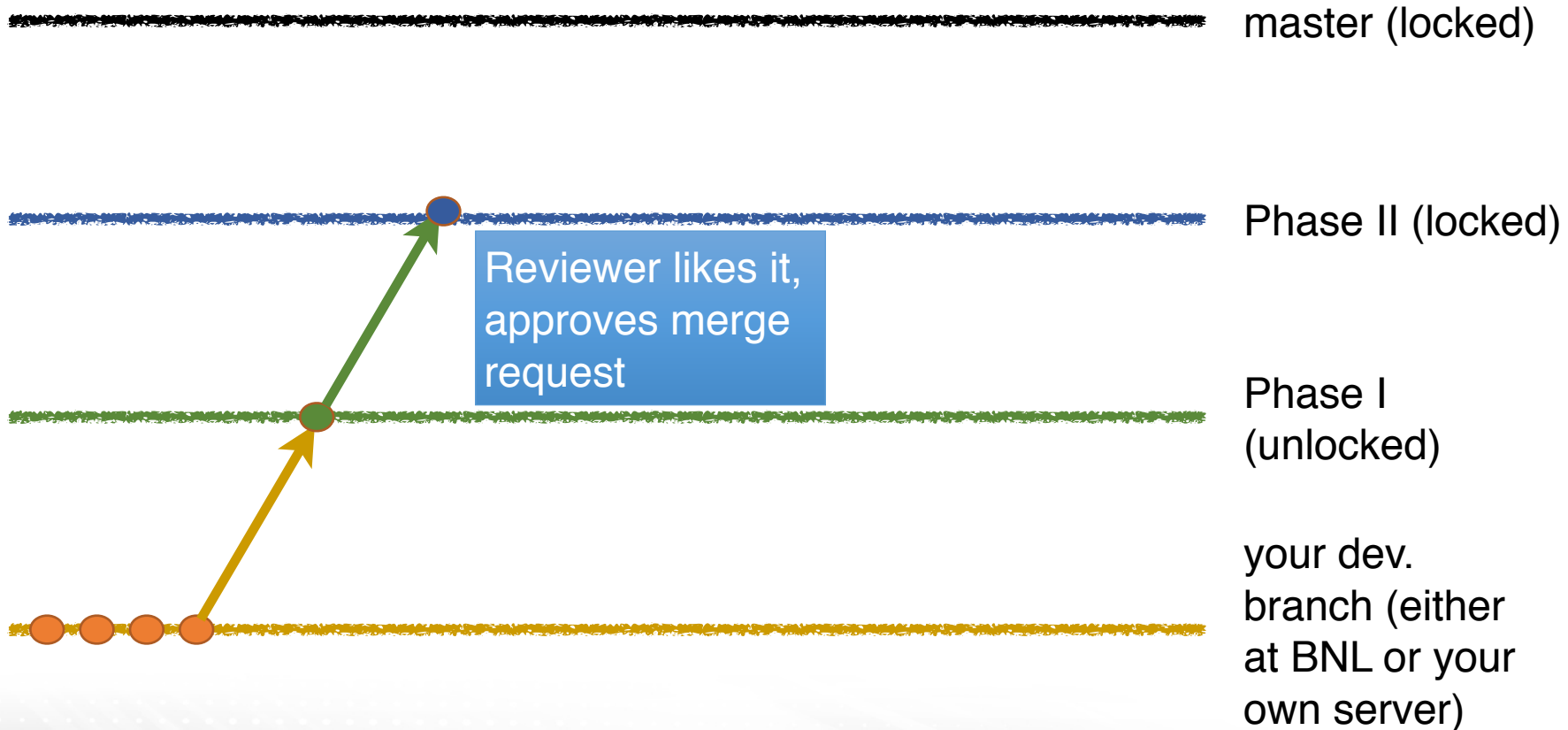
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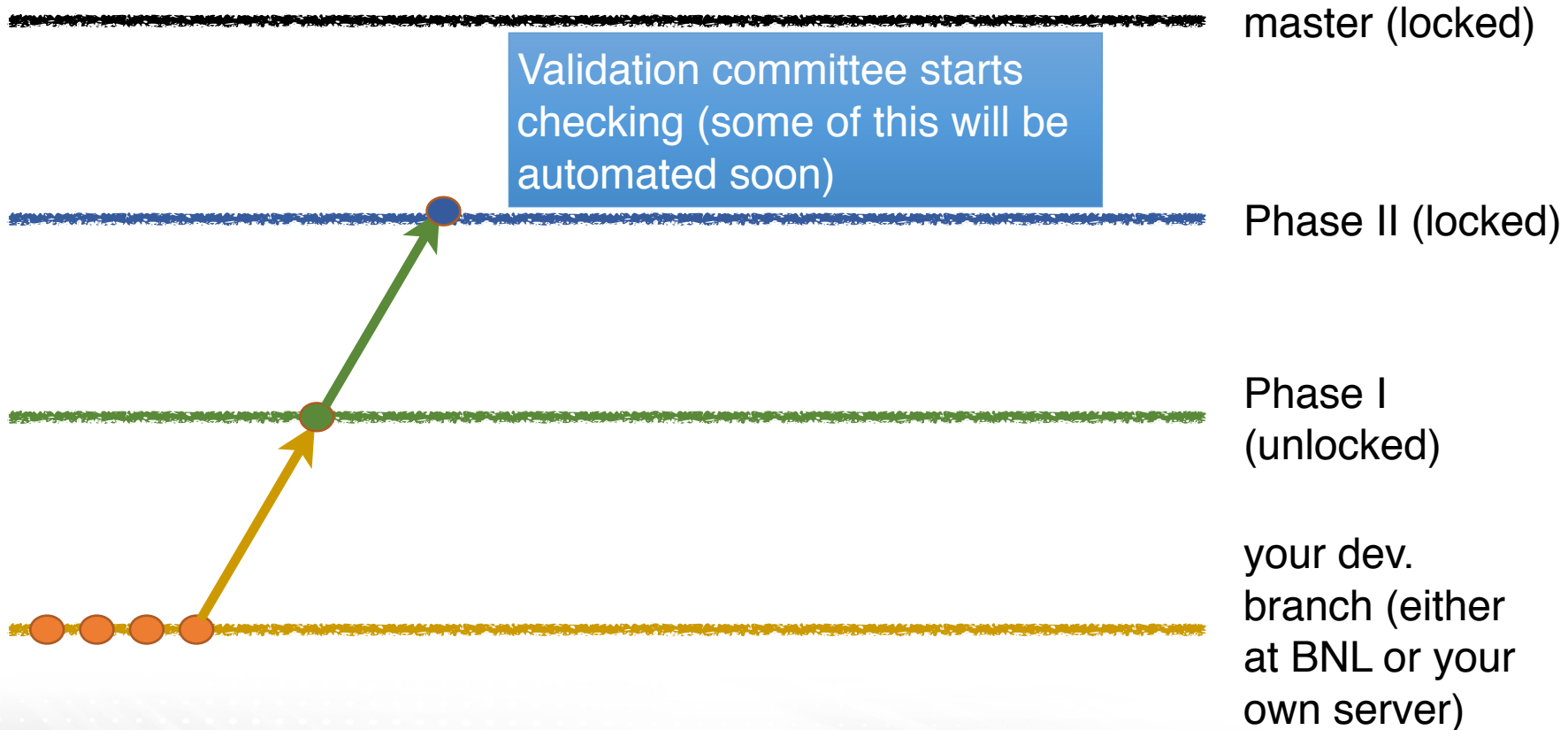


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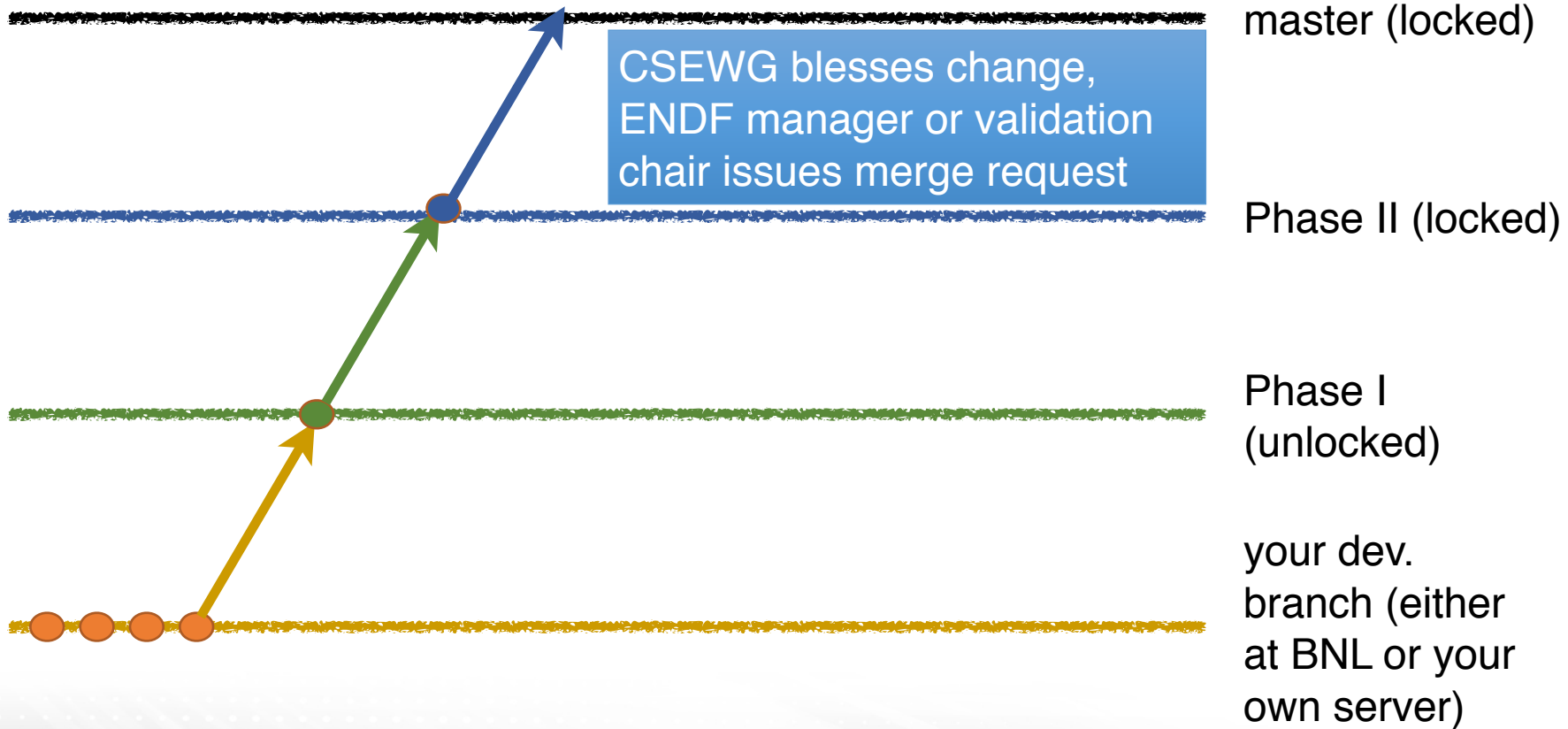




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# Biggest adjustment to life with gitlab: merge requests

- Typical project has one or more locked down “master” branches
  - **endf** will have a “ready for validation/Phase II” branch and a “release ready” branch
  - **endfformat** will have only one
- Cannot commit to a master branch directly, one must issue a “merge request”
  - This is how we will implement a review step!

## New Merge Request

### Source branch

science/wpec/gnds/formats

GNDS-1.9



Merge branch  
'gnds1.9FlemmingComments' into  
'GNDS-1.9'



32aea8ce



Michael Fleming authored 1 month ago

### Target branch

science/wpec/gnds/formats

master



Merge branch  
'gnds1.9FlemmingComments' into  
'master'



965a6db5



Michael Fleming authored 1 month ago

Compare branches and continue

## New Merge Request

From **GNDS-1.9** into **master**

[Change branches](#)

Title

Gnds 1.9

Start the title with **WIP:** to prevent a **Work In Progress** merge request from being merged before it's ready.

Add [description templates](#) to help your contributors communicate effectively!

Description

**Write** Preview

**B** **I** **”** **<>** **🔗** **☰** **☰** **📷** **📄** **🔄**

Write a comment or drag your files here...

[Markdown](#) and [quick actions](#) are supported

[📎 Attach a file](#)

Assignee

Unassigned

[Assign to me](#)

Milestone

Milestone

Labels

Labels

Each merge request comes with its own Issue Board so process of iteration and correction between Evaluator and Reviewer is completely documented

# New system clearly a gitlab translation of existing CSEWG workflow

- Signup sheet being passed around for you to choose roles in new system