

# GitHub-Jenkins Integration

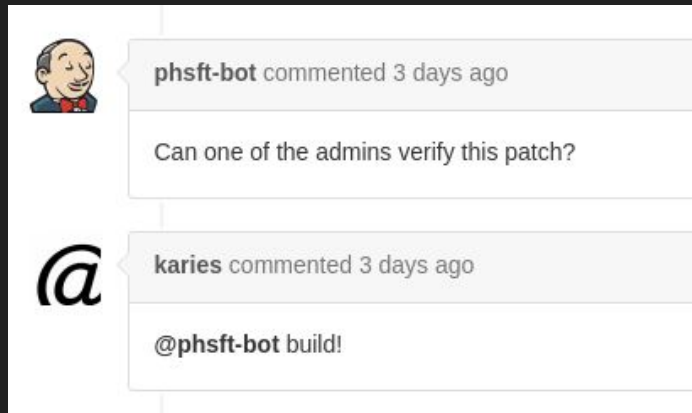
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# Automatic building of pull-requests (ghprb)

- @phsft-bot
- Initiate build on PR by commenting:  
“@phsft-bot build”
- IMPORTANT:  
Skim through changes before building
- PRs by whitelisted members are automatically built
- Organization members whitelisted
- GitHub hook for initiating root-incremental-master (Push)



# Motivation for GitHub rename (root-mirror)

- Current organization name: root-mirror
- GitHub becomes more central in development
- Repos will soon no longer serve as mirror
- More appropriate name would lead to better communication and stronger profile on GitHub

# Side-effects of renaming

- Organization name becomes available for registration  
<https://github.com/root-mirror/> -> HTTP 404
- Repo links are automatically redirected:  
<https://github.com/root-mirror/root> -> <https://github.com/root-cern/root>  
<https://github.com/root-mirror/root.git> -> <https://github.com/root-cern/root.git>
- Pull requests, contributors, forks, stars, metadata preserved
- Mentions @root-mirror are NOT automatically redirected
- Recommended to update old external links (Twitter, LinkedIn, etc.)
- Re-register the old organization after rename to avoid “repo hijacking”
- Service integrations may break (Jenkins, Travis CI, ...)

# Example: opscience -> chef

- >240 repositories
- Announcement to the community when it would perform the rename  
<http://lists.opscode.com/sympa/arc/chef/2015-01/msg00166.html>
- Registered new organization (chef)
- Moved over repositories one-by-one (Part of QA approach)
- <https://github.com/opscode/chef> -> <https://github.com/chef/chef>
- Old organization page (opscode) contains information of the rename

# Summary

- GitHub pull request builder working
  - Web-hook for commits initiates job in Jenkins (Push)
  - Proposed rename of root-mirror as it no longer is a mirror
  - Links to repos will redirect after rename
  - Old organization page will not redirect
  - Re-register the old organization name with info on new name
- Alternatively: Register new name and move over repos (Safer, permissions lost)