Home

Jenkins’ real top page lives in jenkins.io and link to three pages in the Wiki

- Meet Jenkins
- Use Jenkins
- Extend Jenkins

News

Do you blog about Jenkins? Do you have any interesting URL to share with Jenkins community? Check out our News Aggregator.

Managing Jenkins with jcli
As a developer, I usually use Jenkins like this: Find a job which is related with my current work Trigger that job Check the output of the build log Sometimes, I might need to check the update center. Maybe a new plugin is needed, or I need to update an existing plugin. Or, I want to upload a plugin from my computer. For all these cases, I just don't need a UI or even a browser. I like to use a CLI to complete most of my tasks. For example, I use kubectl to manage my Kubernetes cluster, to create or modify the kubernetes resources. So, I...

Performance Improvements to Role Strategy Plugin
The task for my Google Summer of Code program was to improve the performance of the Role Strategy Plugin. The performance issues for Role Strategy Plugin had been reported multiple times on Jenkins JIRA. With a large number of roles and with complex regular expressions, a large slow-down was visible on the Web UI. Even before GSoC started, there were a number of patches which tried to improve performance of the plugin (by Deepansh Nagaria and others). At the time, there was no way to reliably measure improvements in performance. Therefore, we started by creating a framework for running micro-benchmarks on Jenkins Plugins. Benchmarks using the framework were added to the...

Jenkins World Contributor Summit and Ask the Expert booth
Jenkins turns 15 years old! Jenkins World brings together DevOps thought leaders, IT executives, continuous delivery practitioners and the Jenkins community and ecosystem in one global event, providing attendees with the opportunity to learn, explore, network face-to-face and help shape the next evolution of Jenkins development and solutions for DevOps. There is also the Jenkins Contributor Summit in San Francisco. The Jenkins Contributor Summit is the place where current and future contributors get together to discuss, learn and collaborate on the latest and greatest efforts within Jenkins project. The morning portion of the summit is a mix of presentations by the core contributors. The presentations highlight what...

Introducing new GitLab Branch Source Plugin
The GitLab Branch Source Plugin has come out of its beta stage and has been released to the Jenkins update center. It allows you to create job based on GitLab user or group or subgroup project(s). You can either: Import a single project's branches as jobs from a GitLab user/group/subgroup (Multibranch Pipeline Job) Import all or a subset of projects as jobs from a GitLab user/group/subgroup (GitLab Group Job or GitLab Folder Organization) The GitLab Group project scans the projects, importing the pipeline jobs it identifies based on the criteria provided. After a project is imported, Jenkins immediately runs the jobs based on...

Introduce React Plugin Template
The template’s main repo is at React Plugin Template This template is part of the project Working Hours UI Improvement during Google Summer of Code 2019, which improved the UI of Working Hours Plugin using this pattern to develop Jenkins plugins with React. The Working Hours Plugin repository can be found at Working Hours Plugin. Overview Developing plugin for Jenkins has always been easy to do with its Jelly based UI render system, but Jelly seems to be pretty heavy when we want to use more modernized frameworks like React, or if we need to make the plugin UI more customized. This is what this...