

Getting Started with Pipeline

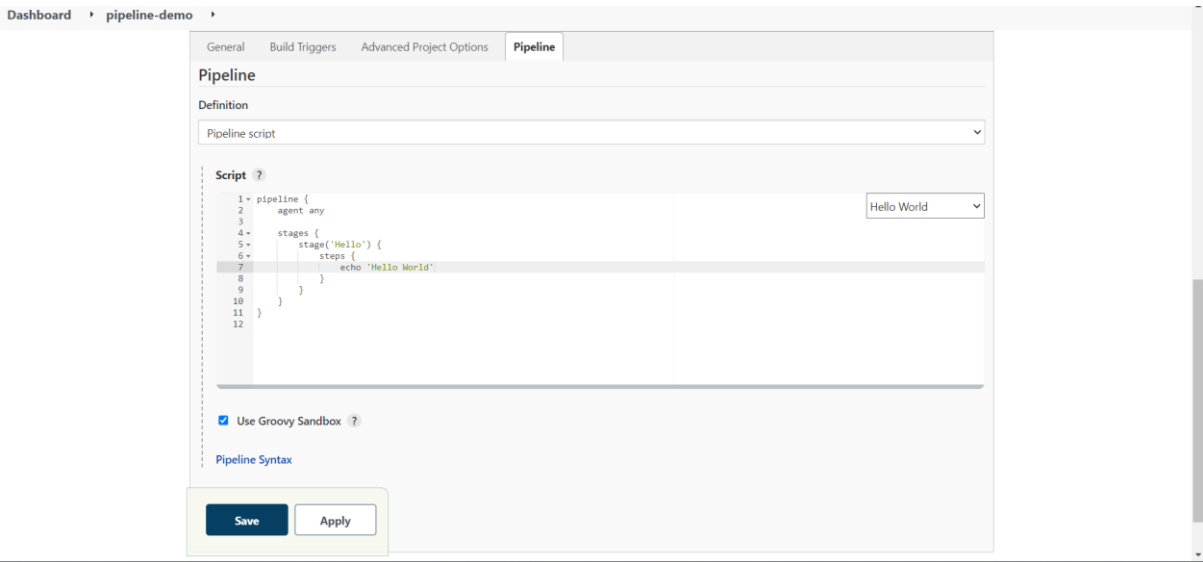


Figure 1

Testing script pipeline with simple hello world program.

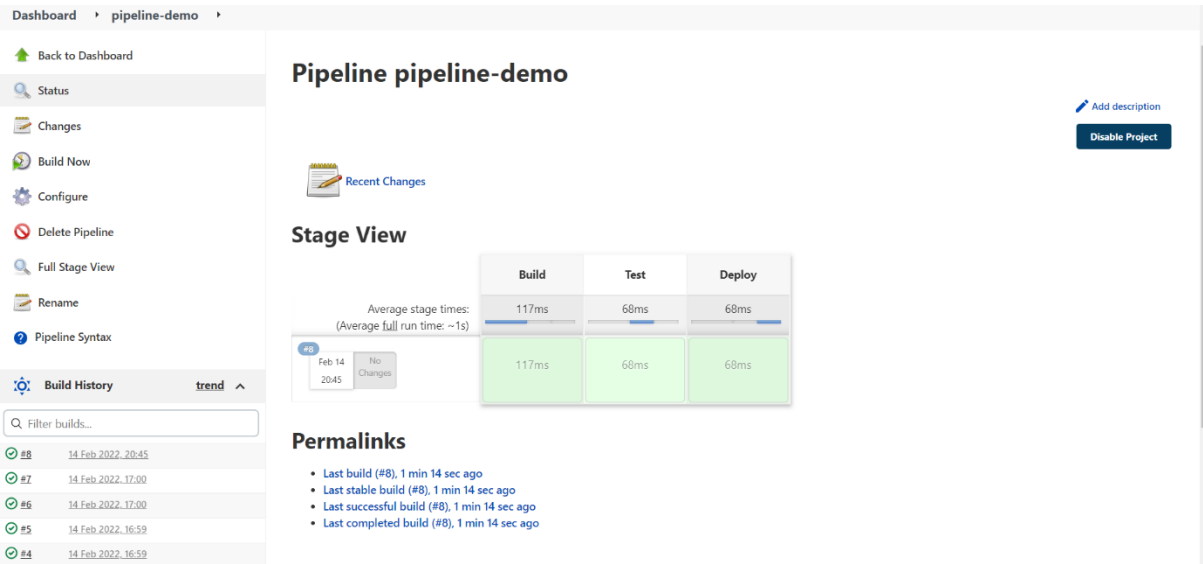


Figure 2

Testing pipeline using 3 development stages build, Test and Deploy from script

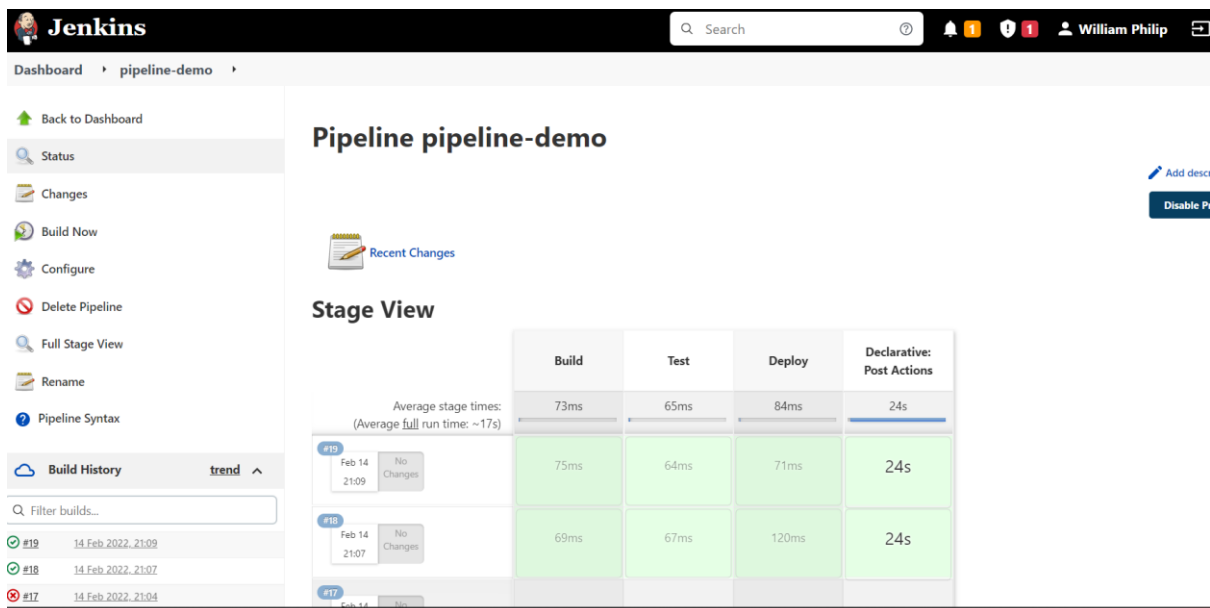


Figure 3

Using post Action to show success or failure after a condition is met, for example to send an email with a summary after a successful build.

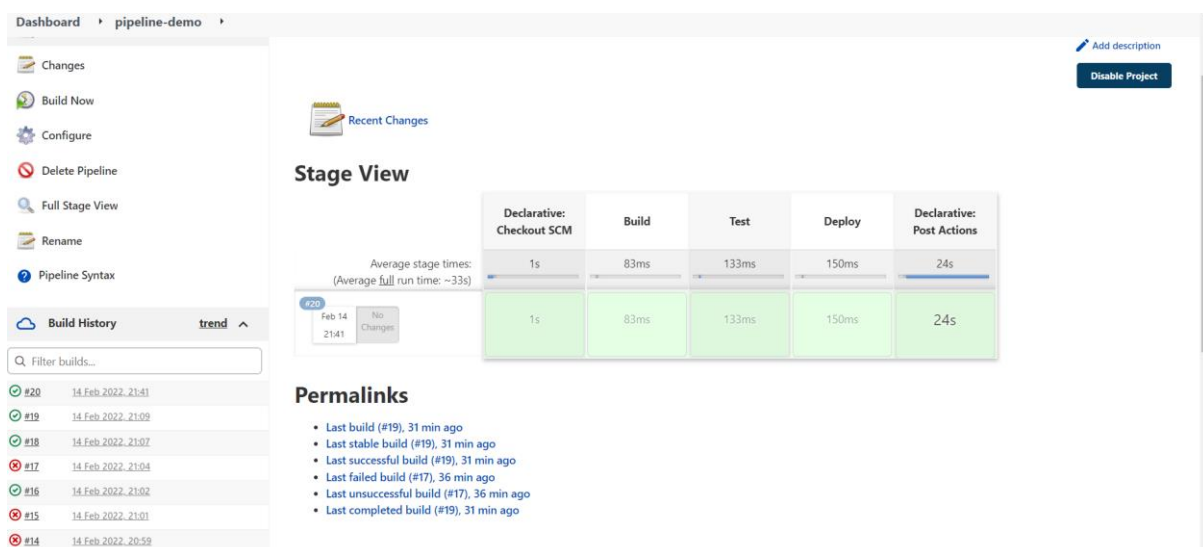


Figure 4

Obtaining pipeline from Source Control Management instead of a script to run pipeline.

The screenshot shows the Jenkins web interface for a pipeline named 'pipeline-demo'. The top navigation bar includes the Jenkins logo, a search bar, and user information for 'William Philip'. The left sidebar contains a list of actions: 'Back to Dashboard', 'Status', 'Changes' (highlighted), 'Build Now', 'Configure', 'Delete Pipeline', 'Full Stage View', 'Rename', 'Pipeline Syntax', 'Git Polling Log', 'Build History' (with a 'trend' link), and a 'Filter builds...' search box. The main content area displays the 'Changes' section for build #21, dated '14 Feb 2022, 21:47:55'. It lists a single change: '1. Update index.html — noreply / githubweb'. Below this, the 'Build History' section shows a table with one entry: a green circle icon, build number '#21', and the timestamp '14 Feb 2022, 21:47'.

Figure 5

Polling the scm to certain amount of time for updates from the source control. As seen in figure 5, every changes from the github is updated automatically on the pipeline.