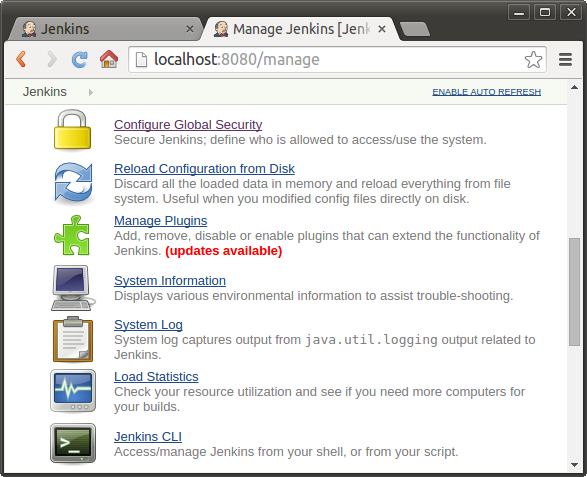
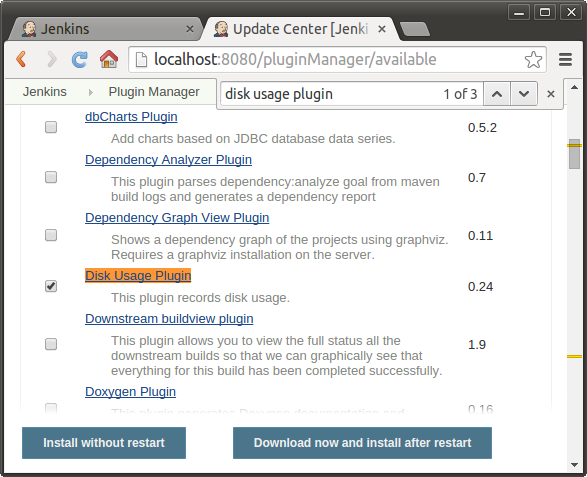
Manage Plugins

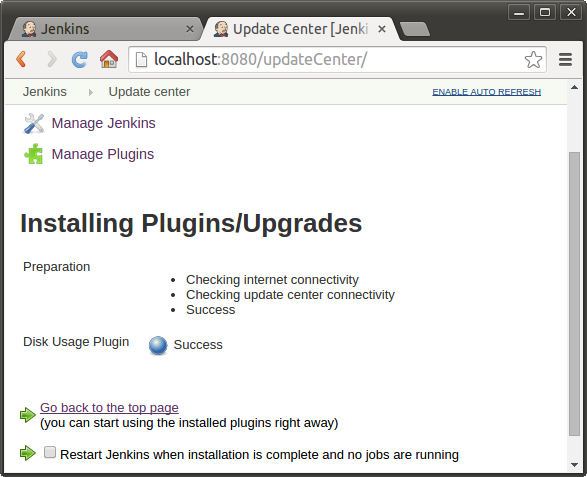
Among the plugins that are available for Jenkins, in this chapter, we're going to install a plugin that keeps track of the disk space used by different builds and jobs. To get started, we need to go to 'Manage Jenkins' again, and click on 'Manage Plugins':



Look for the 'Disk Usage Plugin' (we may want to use Filter search to find this), select it, and then click on the 'Install without the restart' button at the bottom of our screen:



Just wait until the plugin has been installed and it's ready for use.

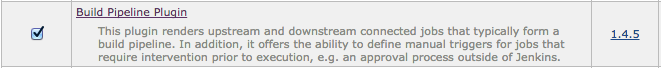


While this is the most simplest plugin with no settings, there are other plugins, such as the SSH plugin, that require rather complicated configuration after installing before we can use.

Installing Build Pipeline Plugin

The "Manage Jenkins" page has a "Manage Plugins" link on it, which takes us a list of all the available plugins for our Jenkins installation.

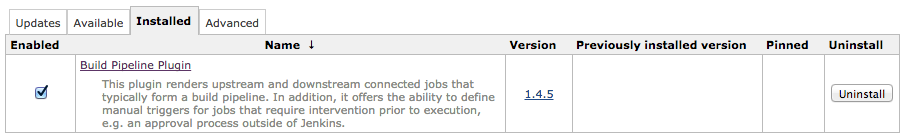
To install the build pipeline plugin, simply put a tick in the checkbox next to "build pipeline plugin"



and click either one of the following buttons which are located in the plugin page.

Install_Button.png

Once installed, we should see the following in the Installed Plugins page under Plugin Manager:

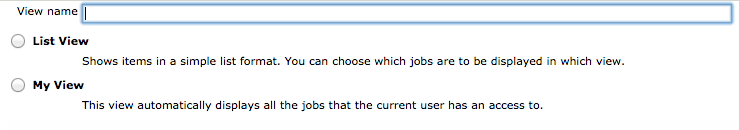
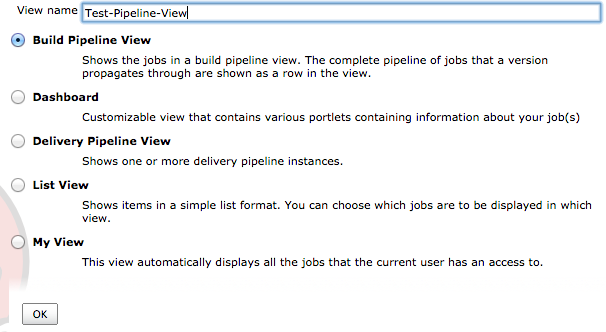


Creating a Pipeline

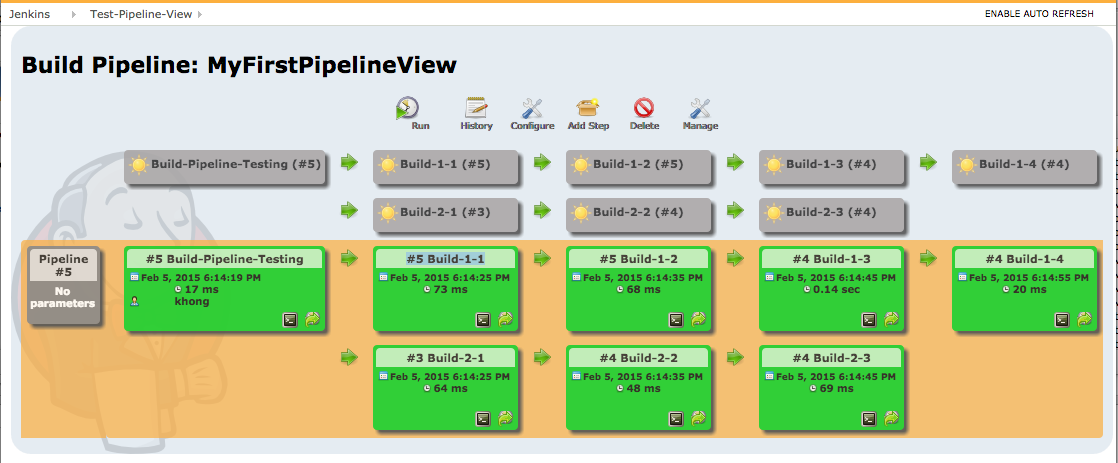
To create a pipeline in Jenkins, we need to create the build jobs. Each pipeline section represents one build job. Then, we have to then tell each build job about the downstream build which is must trigger, using the **build other projects** option.

Creating a Pipeline View

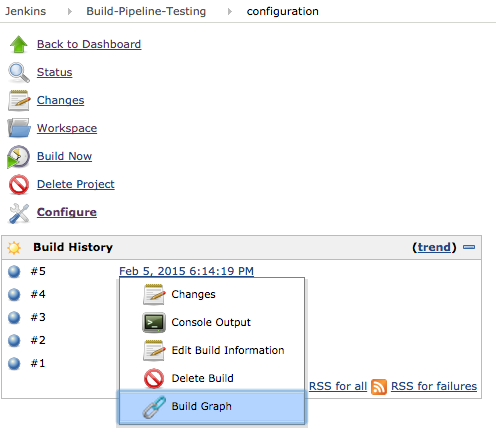
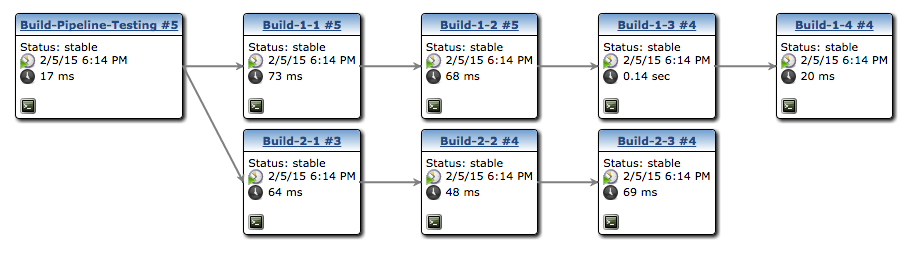
The Build Pipeline plugin does not have any global configuration options, instead it adds additional functionality to the views available within Jenkins. If no view has been created, then our system will be using the default "All" view. This view is read only. So, in order to get started with this plugin, we first need to create a view.

1. Jenkins has one built in view type, List View:  
     
   
2. From Jenkins instance's root page, there is a tab called "+" at the end of all the tabs. Click on that tab to create a new view.   
   Give the view a name, and select the type of view we want to create.   
   View types are an extension point that other plugins can contribute.   
     
   

We now have a new pipeline! The next thing to do is kick it off and see it in action:

  
  
Build graph-view plugin

This plugin visualize builds relations as a graph.

  
  
  
  
Dependency Graph Viewer Plugin

Dependency Graph Viewer Plugin shows a dependency graph of the projects. It uses dot (from graphviz) for drawing.

