

Go Plugin

Plugin Information

View Go [on the plugin site](#) for more information.

Automatically installs and sets up the [Go programming language](#) (golang) tools for a build.

What it does

During a build, this plugin can:

- Install a pre-configured version of Go to the machine the build is running on
 - The correct package for the machine's operating system, CPU architecture and version will be automatically downloaded and installed, if required
- Export the `GOROOT` environment, pointing to the installed Go tools
- Add the path `$GOROOT/bin` to the `PATH`, so that the tools are available during the build

Setup

Global configuration

1. In the Jenkins global tool configuration settings (Manage Jenkins → Global Tool Configuration), find the "Go" section, click "Go Installations..." and "Add Go".
2. Enter a name, e.g. "Go 1.8" — the name itself has no significance, but will be displayed to users during job configuration
3. Either select "Install automatically" and select the desired Go version from the drop-down list or specify the installation directory manually

Per-job configuration

Freestyle

1. In a job's configuration, find the "Build environment" section
2. Select the "Set up Go programming language tools" checkbox
3. Select the Go version you wish to be installed when this job is built

Pipeline

As with any other type of Tool Installer, you can use the `tool` step to install Go, using the `go` tool type. For example:

```
// Run on an agent where we want to use Go
node {
  // Install the desired Go version
  def root = tool name: 'Go 1.8', type: 'go'

  // Export environment variables pointing to the directory where Go was installed
  withEnv(["GOROOT=${root}", "PATH+GO=${root}/bin"]) {
    sh 'go version'
  }
}
```

Version history

Version 1.2 (February 25, 2017)

- Stopped breaking tool configuration page if the version metadata had not been fetched (see [JENKINS-27499](#))
- Added `go` symbol, for use with the Pipeline `tool` step (see [JENKINS-34345](#))
- Increased required Jenkins version to 1.642.3

Version 1.1 (June 21, 2014)

- Worked around bug causing newer versions of Go to not install (see [JENKINS-23509](#))
- Fixed bug where wrong package for OS X could be installed (see [JENKINS-23505](#))
- Ensured "Install automatically" is checked by default when adding a Go installation

Version 1.0 (June 18, 2014)

- Initial release