Use Jenkins

To upgrade from earlier versions of Jenkins, simply redeploy the WAR file. Read this document for more about container-specific instructions on how to do this. See this document for automation.

Using Jenkins

- Installing Jenkins
- Starting and Accessing Jenkins
- Administering Jenkins
- Logging and Access Logging
- Building a software project
- Building a maven2 project
- Building a matrix project
- Building an Android app and test project
- Monitoring external jobs
- Distributed builds
- Features controlled by system properties ("hidden" & experimental features)
- File fingerprint tracking
- Using Jenkins plugins
- Quicker navigation around Jenkins pages
- User Content
- Jenkins Script Console
- Command-line interface
- SSH access
- Securing Jenkins
- Remote access API
- Change time zone
- Splitting a big job into smaller jobs
- Using Jenkins for non-Java projects
  - in particular for .NET
  - Drupal Development
  - Perl Development
  - Python Development
- Using other shells (for ex. Python)
- Post-initialization script
- Boot failure hook
- Collecting more logs on what Jenkins is doing
- Terminology
- Jenkins/Hudson con Ant, JUnit, Emma y Sonar. (Spanish)
- The 'People' listing
- Removing and disabling plugins
- Running Jenkins behind an HTTP(S) Proxy
- Creating a CD pipeline

Tool Integration

- Gitolite Let Jenkins clone from gitolite repository
- hudsonTracker Java based app to monitor Jenkins from your system tray (Window, Linux and MacOSX)
- NetBeans plugin
- Eclipse plugin
- Mylyn connector
- IntelliJ plugin
- Hudson Portal for monitoring Hudson in your portal.
- Firefox Add-on Build Monitor displays Hudson builds on Firefox status bar panel.
- Google Chrome extension to monitor status from Google Chrome
- Ant Job Clone script Demonstrates how one might use an ant target to automatically create CI Builds on a remote hudson server based on a local subversion working copy.
- Bash Job Clone script Similar to the Ant Job Clone script, but based in bash shell using curl to talk to the server.
- HudsonMobi for iPhone, iPod and iPad Centrally connect and securely manage multiple Hudson CI instances over the Internet from your iPhone, iPod or iPad
- Hudson2Go for Android Monitor Hudson from your Android phone.
- Hudson Helper iPhone and iPod Touch App Monitor Hudson from your iPhone or iPod Touch
- Hudson Helper Android App Monitor Hudson from your Android phone
- CI Monitor Jenkins from your Windows Phone
- Hudson tray tracker monitor Hudson from your Windows task tray icon.
- Hudson on Cocoa monitor Hudson from your Mac OS X status bar
- Gnome Panel Status Widget monitor Build status in your gnome panel
- Conky Hudson Status show your Hudson status on Conky
- Monitoring Jenkins jobs from tools that support Cruise Control.
- Emacs jenkins-watch for monitoring Jenkins on your emacs status bar.
- Jenkins Indicator Gnome 3 Extension to monitor status in Gnome 3 status bar
- Clone from Github with Jenkins running behind an HTTP(S) proxy
Programming Language specific topics

- Jenkins and PHP
- Jenkins and ColdFusion (w/MXUnit)

Running Jenkins as a daemon

- Installing Hudson as Solaris 10 service
- Installing Jenkins as a Windows service
- Installing Jenkins on Ubuntu/Debian
- Installing Jenkins on RedHat/CentOS/Fedora
- Installing Jenkins on OpenSolaris
- Installing Jenkins on Gentoo
- Installing Jenkins inside a FreeNAS jail
- FreeBSD
- FreeBSD 4
- SUSE Packages
- Installing Jenkins as a Unix daemon if your flavor of Unix isn't any of the ones above.

Extreme Feedback

- Hudson Build Status Lava Lamps
- DIYOrb
- Hudson Ambient Orb
- "Red Bear Alert!" - The Hudson Bear Lamps
- "Watch the bikes!" - Extreme Feedback with Traffic Lights
- Start to smell those code smells
- Continuous Integration Monitor Library
- Add a Google-O-Meter to a view
- Retaliation- target the build-breaking perpetrator with a barrage of foam missiles! (story/video)
- RSS-Retaliation: Similar to Retaliation, but uses the RSS-Feed of Jenkins and not the Notifier Plugin and is written in Groovy. Supports the Foam-Missile Launcher from Dream Cheeky, Text-To-Speech and the Cleware USB Traffic Light.
- Traffic Lights on USB: build your own XFD for less than 10 Euros.
- USB Traffic Lights (works under Windows/Linux/Mac)
- Using a Raspberry PI to control an extreme feedback device - full blog article

Issues

- My software builds on my computer but not on Jenkins
- Spawning processes from build
- Stopping build does not stop spawned processes - ProcessTreeKiller
- A thread hangs in forkAndExec on Solaris
- Slave JVM freezes on Windows when started from SSH
- Maven2 project and JDK5
- Jenkins is hanging
- I'm getting OutOfMemoryError
- I'm getting too many open files error
- I'm aborting a build but it's not happening. What's going on?
- IOException: Not enough space
- Running Jenkins behind Apache
- Running Jenkins behind Squid
- Running Jenkins on Port 80 or 443 using iptables
- Trouble-shooting build hangs
- Hudson windows service fails to start
- Windows agents fail to start via DCOM
- Windows slaves fail to start via ssh
- Windows slaves fail to start via JNLP
- JNA is already loaded
- Show the names of jobs which do not load properly

Need help?

- Where to find us

License
Most of the art work is derived from Tango Project, and thus this portion of Jenkins is covered by their license (Creative Commons Attribution Share-Alike license). The rest (that is, all the code, documents, build scripts, etc.) is covered by the MIT license, unless otherwise stated in individual files.

Jenkins Goods

Get Jenkins T-shirts, mug caps, etc., from CafePress Jenkins store. If you'd like to make the same stickers that we make, please see here