

IRC Plugin

Plugin Information

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

This plugin enables Jenkins to send build notifications via IRC and lets you interact with Jenkins via an IRC bot. Note that you also need to install the [instant-messaging plugin](#).

Installation Requirements

This plugin needs the [instant-messaging plugin](#). Please ensure that the latest version of this plug-in is also installed.

Features

See the [instant-messaging plugin](#) for a description of protocol-independent features.

IRC-specific features

- support password-protected chatrooms
- support NickServ authentication
- the rate at which messages are sent is throttled to one every 500ms to avoid being subject of flood control on the IRC server. This rate can be configured with the system property `hudson.plugins.ircbot.messageRate`

Known Issues

Please look into the [issue tracker](#) for any open issues for this plugin.

Debugging Problems

If you experience any problems using the plugin please increase the log level of the logger `hudson.plugins.ircbot` to FINEST (see [Logging](#)), try to reproduce the problem and attach the collected logs to the JIRA issue.

Changelog

Version 2.26 (2015-02-19)

- don't make concurrent builds wait for the previous build (with instant-messaging-plugin 1.33) [JENKINS-26892](#)
- make delay between messages configurable via system property "hudson.plugins.ircbot.messageRate"
- try to connect to NickServ protected up to 2 minutes in case NickServ is reacting very slowly

Version 2.25 (Apr 2, 2014)

- Fixed a NullPointerException introduced in 2.24 [JENKINS-22478](#)

Version 2.24 (Mar 29, 2014)

- Added basic support for SOCKS proxies (thanks Andrew Bonney)
- Fixed: dropped whitespace if IRC colors were used [JENKINS-22360](#) (thanks Marius Gedminas)
- Updated to PircBotX 1.9

Version 2.23 (May 22, 2013)

- new option to disallow bot commands from private chats
- new option to trust self-signed SSL certificates

Version 2.22 (Mar. 1, 2013)

- fixed a problem with reconnects (JENKINS-17017)
- Update to PircBotX 1.8 (https://code.google.com/p/pircbotx/wiki/ChangeLog#1.8_-_January_11th,_2013)

Version 2.21 (Dec. 15, 2012)

- new option to colorize build notifications based on the build outcome.
Note that this feature may change in the future - especially regarding 'what' is colorized and the colors!
- fixed [issue #13967](#) (ArrayIndexOutOfBoundsException Exception when I try to setup a second IRC channel in Jenkins configuration)

Version 2.20 (Oct. 13, 2012)

- fixed a bug when updating from previous versions on Windows

Version 2.19

- See [instant-messaging plugin 1.22](#) for new features. Also:
- Make IRC login name configurable JENKINS-14467
- Update to PircBotX 1.7

Version 2.18

- fixed: unable to connect to ircu servers JENKINS-11623
- See [instant-messaging plugin 1.21](#) for more new features

Version 2.17

skipped

Version 2.16:

- fixed: password authentication not working since 2.14 (JENKINS-10862)

Version 2.15

- fixed: NickServ password wasn't saved (JENKINS-10145)

Version 2.14

- Support SSL connections (JENKINS-3543)
 - **Attention:** as the underlying IRC library had to be replaced to achieve this, it's not completely unlikely that you could experience some regressions. Please open a new issue in that case.
- New option to specify IRC server encoding (JENKINS-10090)

Version 2.13

- See [Instant-Messaging plugin 1.16](#) for new features

Version 2.12

- See [Instant-Messaging plugin 1.15](#) for new features

Version 2.11

- see [instant-messaging plugin 1.14](#) for changes!

Version 2.9

- wait 5 seconds after identifying with NickServ before trying to join channels. Should minimize problems if channels are restricted and the NickServ identification isn't fast enough before the bot tries to join the channels. Refs. JENKINS-6600 , JENKINS-8451

Version 2.8

- fixed: NullPointerException because of incorrect migration of old configurations. [JENKINS-8001](#)
- new feature: new chat notifier which prints the failing tests, too [JENKINS-7035](#)

Version 2.7

- improvement: bot commands are now extensible and open for other plugins (see class BotCommand).
- improvement: added an extension point to customize the message the bot sends to chats for notification (see class BuildToChatNotifier).
- improvement: bot may be invited to channels ([issue 6600](#))

Version 2.6

- fixed: disconnects (and no reconnects) when changing the global config ([issue #6933](#))
- improved behaviour when plugin is disabled. I.e. doesn't log unnecessary stuff.
- fixed: plugins configure option not visible [JENKINS-5978](#) [JENKINS-5233](#)
- use UTF-8 as encoding for sending/receiving messages (previously used default encoding of the Hudson server)

Version 2.5

- fixed: *notify upstream commiter* would have notified committers of 'old' builds ([JENKINS-6712](#))
- improvement: print useful project names for matrix jobs ([JENKINS-6560](#))
- fixed: don't delay Hudson startup ([JENKINS-4346](#))
- feature: *userstat* command for bot ([JENKINS-6147](#))
- fixed: don't count offline computer for the executors count ([JENKINS-6387](#))

Version 2.4

- fixed: bot output sometimes send to wrong user ([JENKINS-6484](#))

Version 2.3

- allow to pass build parameters with the *build* command ([JENKINS-5058](#)) **Make sure that instant-messaging 1.7 or later is installed.**
- allow to set NickServ passwords

Version 2.2

- support password-protected chatrooms

Version 2.1

- new option to inform upstream committers ([JENKINS-4629](#))
- Bot uses /msg command to inform channels/users instead of /notice as before. You can restore the old behaviour in the global configuration. ([JENKINS-5087](#))

Version 2.0

- This is the first version which is build upon the *instant-messaging* plugin. **Make sure that instant-messaging 1.3 is installed.**
- **This version needs Hudson 1.319 or newer**
- Though much care has been taken to migrate settings from previous versions, because of the amount of the changes it cannot be guaranteed that all old settings are migrated correctly!
- This version supports all options that the Jabber plugin supports. See [there](#) for more info.
- Command responses are no longer send as private messages to the user. Instead they are send to the channel. If you want private messages then send the command as a private message to the bot.

Usage

When you install this plugin, your Hudson configuration page gets additional "IRC Notification" option as illustrated below:

IRC Notification

<input checked="" type="checkbox"/> Enable IRC Notification	<input type="text"/>	
Hostname	<input type="text" value="irc.freenode.net"/>	
	Hostname of the IRC server	
Port	<input type="text" value="6667"/>	
	Port of the IRC server	
Password	<input type="text"/>	
	Password to the IRC server	
Nickname	<input type="text" value="hudson"/>	
	Nickname of the bot	
Channels	<input type="text"/>	
	Channels the bot should join	
Command prefix	<input type="text" value="!hudson"/>	
	The prefix for the commands	

In addition, each project should add a "Post-build Actions"> "IRC Notification" configuration as illustrated below:

<input checked="" type="checkbox"/> IRC Notification	<input type="text"/>	
Channels	<input type="text"/>	
	Whitespace-separated list of IRC channels	

For the project configuration, leave the Channels blank to default to the channels defined in the master IRC configuration.