

# VncViewer Plugin

## Plugin Information

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

VncViewer lets you monitor or operate GUI of your running build. You can start HTML5 based VNC viewer via HTML link directly from 'Console output'. This plugin can be used in combination with [Xvnc](#) and [VncRecorder](#) plugins.

The plugin uses internally HTML5 based VNC client [noVNC](#).

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## Requirements

- Linux on Jenkins master node

## How you use the plugin in a job

Enable VNC viewer ?

If checked, plugin enables java script vnc viewer for configured VNC session. VNC viewer can be started via HTML link in 'Console output' (from [VncViewer Plugin](#))

VNC server  ?

**Please, make sure that your vncserver is running on '10.11.12.111:88'**

Used VNC server display, e.g.: 'myRemoteHost17' or 'myRemoteHost\${MYENVVAR}'.  
Default: 'localhost:5900' (from [VncViewer Plugin](#))

## Example for usage together with [Xvnc plugin](#)

Run Xvnc during build ?

- Take Screenshot Upon Build Completion? ?
- Create a dedicated Xauthority file per build? ?
- Set environment variables through a file ?
- Set exclusive execution ?
- Set jenkins user build variables ?
- Show screenshot during build ?
- Show tests in progress ?
- Record VNC session ?
- Enable VNC viewer ?

VNC server  ?

**Please, make sure that your vncserver is running on 'localhost\$DISPLAY'**

## Start VNC viewer from "Console output"



# Console Output

```

Started by user anonymous
Building in workspace /home/dimitri/workspace/vncviewer/work/jobs/test1/workspace
$ /tmp/websockify/websockify.py --web /tmp/novnc 8888 10.11.12.111:5988
WebSocket server settings:
- Listen on :8888
- Flash security policy server
- Web server. Web root: /tmp/novnc
- No SSL/TLS support (no cert file)
- proxying from :8888 to 10.11.12.111:5988

```

Start vnc viewer for 10.11.12.111:5988

## JIRA issues

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	JENKI NS-50745	RHEL7's vncserver script is not compatible with the free list	Dimitri Tenenbaum	Ugo Bellavance		OPEN	Unresolved	Apr 11, 2018	Apr 11, 2018	
	JENKI NS-28001	start button in Console output does not work if jenkins instance is installed behind reverse proxy (should extract host from Jenkins URL global settings)	Dimitri Tenenbaum	Tomasz Doma		RESOLVED	Fixed	Apr 17, 2015	Apr 20, 2015	
	JENKI NS-30037	Display port with 2 digits leads to wrong port number	Dimitri Tenenbaum	Falk Zilm		CLOSED	Won't Fix	Aug 19, 2015	Aug 20, 2015	
	JENKI NS-30168	Pick random port to start webserver	Dimitri Tenenbaum	Falk Zilm		RESOLVED	Fixed	Aug 27, 2015	Sep 01, 2015	
	JENKI NS-47116	Need docker id (hostname) variable for other plugins	Nicolas De Loof	Krzysztof Sokolowski		RESOLVED	Not A Defect	Sep 26, 2017	Sep 07, 2018	
	JENKI NS-32857	Make port range configurable	Dimitri Tenenbaum	Christoph Linder		OPEN	Unresolved	Feb 09, 2016	Feb 09, 2016	

6 issues