

# VncRecorder Plugin

## Plugin Information

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

This plugin records screen of current build or other configured VNC session as Shock Wave Flash (swf) file during a build and stores it as an artifact. This plugin can be used in combination with [VncViewer](#) and [Xvnc plugin](#).

After the build, the video file gets also published as a HTTP link in the "Console output" of the build. The generated HTML file embeds a video and makes it possible to navigate within a recorded video directly in browser.

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## Requirements

- Linux on Jenkins master node
- [vnc2swf](#) on Jenkins master node

## How you use the plugin in a job

<input checked="" type="checkbox"/> Record VNC session
VNC server <input type="text" value="localhost:88"/>
<b>Please, make sure that your vncserver is running on 'localhost:88'</b>
Used VNC server display, e.g.: 'myRemoteHost17' or 'myRemoteHost\${MYENVVAR}'. Default: 'localhost:88'.
VNC password file <input type="text" value="/var/lib/jenkins/.vnc/passwd"/>
Path of vnc password file which allows you access VNC desktops. Password file can be created with <a href="#">vncpasswd</a> . Default: '\$HOME/.vnc/passwd'.
Base filename of output html/swf files <input type="text" value="nameOfMyVideoFile"/>
Base filename for output html/swf files, e.g.: 'myvideo' or '\${MYENVVAR}'. Default: 'JOBNAME_BUILD_NUMBER'.
<input type="checkbox"/> Saving disk space: Remove videos of successful builds
<input checked="" type="checkbox"/> Set DISPLAY for this build on value of 'VNC server'

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

Build Environment	
<input checked="" type="checkbox"/>	Run Xvnc during build
<input type="checkbox"/>	Take Screenshot Upon Build Completion?
<input checked="" type="checkbox"/>	Create a dedicated Xauthority file per build?
<input checked="" type="checkbox"/>	Record VNC session
VNC server	<input type="text" value="localhost\$DISPLAY"/>
	<b>Please, make sure that your vncserver is running on 'localhost\$DISPLAY'</b>
VNC password file	<input type="text" value="/home/dimitri/.vnc/passwd"/>
<input type="checkbox"/>	Set DISPLAY for this build on value of 'VNC server'

## Result: video in your Browser

Link in "Console output"

```
Started by user anonymous
Building in workspace /home/dimitri/workspace/vncrecorder/work/jobs/MyTest/workspace
job/MyTest/2/[workspace] $ /bin/sh -xe /tmp/hudson9123648710145888441.sh
+ sleep 5
+ sleep 20
+ xclock -update 1 -geometry 800x800
+ killall xclock
/tmp/hudson9123648710145888441.sh: line 5: 18474 Terminated                  xclock -update 1 -geometry 800x800 2> /dev/null
Video from 2014-09-12 T 10:43:19 to 2014-09-12 T 10:43:44
Finished: SUCCESS
```

Store as build artifact

# Project MyTest

 [Workspace](#)

 [Last Successful Artifacts](#)

	<a href="#">MyTest_2.html</a>	6.05 KB <a href="#">view</a>
	<a href="#">MyTest_2.swf</a>	1.81 MB <a href="#">view</a>

 [Recent Changes](#)

The generated HTML file [MyTest\\_2.html](#) embeds video [MyTest\\_2.swf](#) and makes it possible to navigate within a video directly in browser.

## Path of vnc2swf

Path of used vnc2swf can be customized under "Jenkins System configuration / Global settings". Default is the vnc2swf found in the PATH variable.

### VncRecorder

Path of vnc2swf python script

Path of installed vnc2swf. See [vnc2swf](#) for more info.

## JIRA issues

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	JENKIN S-53052	vncrecorder incompatible with pipeline	Dimitri Tenenbaum	Malte Brunnlieb		OPEN	Unresolved	Aug 15, 2018	Aug 15, 2018	
	JENKIN S-30003	VncRecorder is missing Log4j method, build with wrong version of log4j.	Dimitri Tenenbaum	Éric Louvard		CLOSED	Fixed	Aug 18, 2015	Aug 24, 2015	
	JENKIN S-30204	vnc2swf fails because matrix builds have slashes in the name	Dimitri Tenenbaum	Kenny Root		RESOLVED	Won't Fix	Aug 29, 2015	Sep 10, 2015	
	JENKIN S-31216	VncRecorder plugin does not check if somebody is already connected with VNC client	Dimitri Tenenbaum	Max Filkov		OPEN	Unresolved	Oct 28, 2015	Oct 28, 2015	
	JENKIN S-32992	Generated html does not work	Dimitri Tenenbaum	rkiss		OPEN	Unresolved	Feb 17, 2016	Feb 17, 2016	
	JENKIN S-30676	Build is marked Failed when VNC Server is not available	Dimitri Tenenbaum	Éric Louvard		OPEN	Unresolved	Sep 28, 2015	Sep 28, 2015	

6 issues