# Working with ATDD esomkiat

### Morkshop

- o Clone example from
  - o https://github.com/up1/course-robotframework
  - a spybot

### Integrale to Jenkins

ø Install Robot framework plugin

Updates	Available	Installed	Advanced			
Install ↓				Name	Version	
•	Robot Framework Plugin					
	This plugin collects and publishes Robot Framework test results					
Install v	vithout restart	Dov	wnload now a	nd install after restart		

### Integrale to Jenkins

#### o Install Xvfb/Xvnc plugin

Updates	Available	Installed	Advanced		
Install				Name	Version
Lets you control Xvfb virtual frame buffer X11 server with each build. It starts Xvfb before the build starts, and stops it with the build. This is very useful if your build requires X11 access, for instance runs tests that require GUI.					1.0.9
Misc (xvfb)					
Install v	vithout restart	Do	wnload now a	nd install after restart	

Updates	Available	Installed	Advanced		
Install				Name	Version
•	Xvnc Plugin This plu		u run an <u>Xv</u>	nc session during a build. This is handy if your build includes UI testing that needs a display available.	1.17
Install w	ithout restart	Do	wnload now a	and install after restart	

## software Regulte

- ø For Xvfb
  - o Mac => XQuartz, vucserver
  - @ Linux => xvfb, vncserver

## confid XVFD/XVAC

#### o Config system

Xvfb installation		
Xvfb installation installations	Xvfb installation	
	Name	default
	Directory in which to find Xvfb executable	
	☐ Install automatically	
	Add Xvfb installation	
	List of Xvfb installation installations on this system	

### Creale New Job

- o Use code from git
- o https://github.com/up1/course-robotframework

Source Code Manage	ement			
None				
○ cvs				
<ul> <li>CVS Projectset</li> </ul>				
Git				
Repositories	Repository URL	git@github.com:up1/course-robotframework.git		•
	Credentials	- none -	<b>\$</b>	
			Advanced	

## CONFID JOD

#### o Build Environment

Build Environment	
Start Xvfb before the build, and shut it down after.	
Xvfb installation	default
Let Xvfb choose display name	
Xvfb specific display name	
Timeout in seconds	
Xvfb screen	
Xvfb display name offset	

## Confid Job

- @ Add build step => Execute shell/window
- @ \$pybot \*.txt

#### Build

**Execute shell** 

Command pybot demo\_jenkin\_web.txt

See the list of available environment variables

## CONFLO JOD

- o Add post build action
  - @ Publish robot framework test result

Aggregate downstream test results
Archive the artifacts
Build other projects
Publish JUnit test result report
Publish Javadoc
Publish Performance test result report
Publish Robot Framework test results
Record fingerprints of files to track usage
Git Publisher
Sonar
E-mail Notification
Set build status on GitHub commit

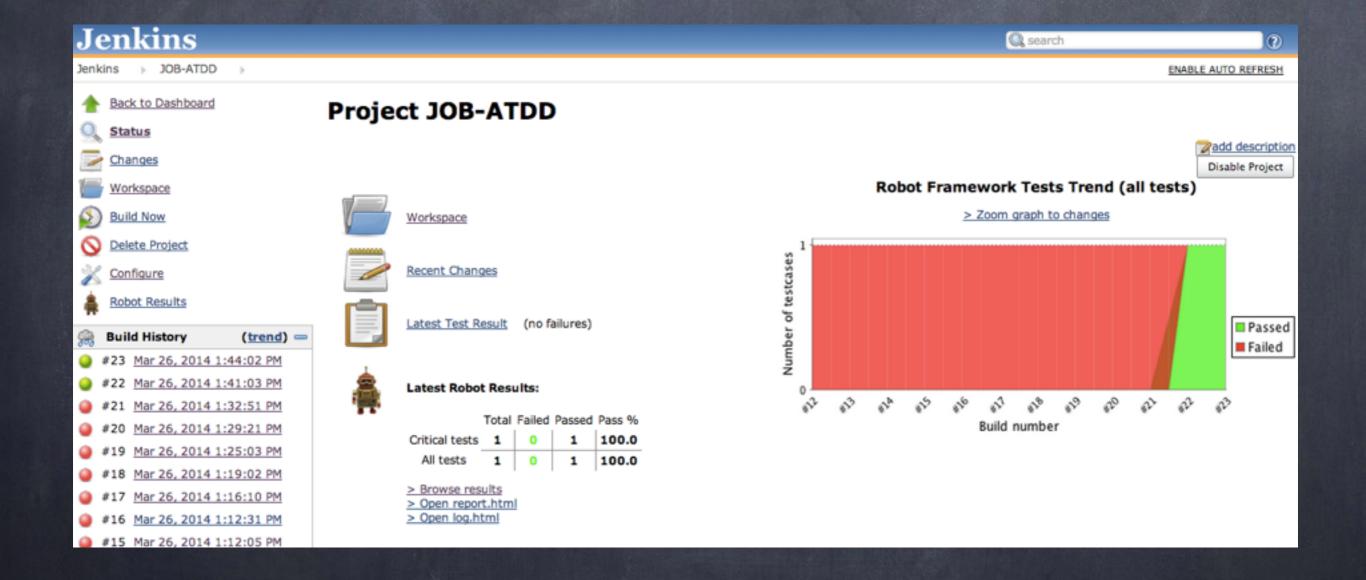
Add post-build action 

Add post-build action

## confid Report

Post-build Actions		
Publish Robot Framev	ork test results	
Directory of Robot output	/	
	ath to directory containing robot xml and html files (relative to build workspace)	
Thresholds for build result		
	% 100	
	90 100	
	Use thresholds for critical tests only	

#### Build and See result



#### See result

