

# Monitor Pro Plugin

## Plugin Information

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

Monitor Pro Plugin, is a plugin to monitoring the status of the Jobs of a selected view, built as an Angular SPA. It provides to Jenkins interface of a button at the main screen to access the Monitor Pro application, wich will open in the same window.

## Features

In this version you can:

- Select a view.
- Config the grid maximum number of columns.
- Set polling interval in seconds.
- If exist Jobs configured as a group in Jenkins, that jobs will be shows as a single element in the grid.
  - Group by group name, whichever is the parametrized name of the group.
- Config the credentials and URL of the Jenkins Server that you want monitorize.
- Show which parameter caused the error.
- Group by parameter for easier viewing.
- Option to hide jobs finished successfully.
- Option to show as success the jobs run from a branch different to Master branch.
- Filter by Group/Job name.
- Navigation between folders to show jobs inside them
- Option to send emails when a job crashes ("Job Direct Mail Plugin" is required to be installed)

**Monitor Pro v1.0**  
View: all  
Group filter   
Filtering by:

**Group: BROWSER | BROWSER\_VERSION | SO**

**Builds:**

- o Job6 | #4 → Result: OK | 20/02/18 10:18
- o Job3 | #7 → Result: OK | 20/02/18 01:09
- o Job4 | #8 → Result: KO → VALUE= cho trusty | VALUE= echo Firefox | VALUE= echo stable | 20/02/18 01:10
- o Job7 | #4 → Result: OK | 20/02/18 10:19
- o Job1 | #107 → Result: KO → VALUE= 74747474747474741 | VALUE= 777071470 | VALUE= 4174714 | 28/06/18 09:36
- o Job10 | #3 → Result: KO → VALUE= sgdgfwewqer | VALUE= echo Firefox | VALUE= echo beta | 20/06/18 06:27
- o Job2 | #6 → Result: OK | 20/02/18 10:16
- o Job8 | #10 → Result: KO → VALUE= ech emailtest | VALUE= echo Chrome | VALUE= echo dev | 12/06/18 07:24
- o Job9 | #3 → Result: OK | 20/02/18 10:19

**Job: job12**  
Last Build: #64

**Job: JobGit1**  
Last Build: #23

**Job: JobGit2**  
Last Build: #2

**Group: GROUP\_SOLO**

**Builds:**

- o Job11 | #3 → Result: OK | 12/06/18 04:50

**Group: Param1 | Param2**

**Builds:**

- o Job13 | #1 → Result: OK | 20/02/18 01:20
- o Job14 | #1 → Result: OK | 20/02/18 01:21

**Group: Master&NoMaster**

**Builds:**

- o JobGH3 | #2 → Result: OK | 26/02/18 04:23
- o JobGH4 | #2 → Result: KO → VALUE= LoQseaaaa | 26/02/18 04:23

**Settings**

Views:

Maximum number of columns:

Jenkins Configuration:

Refresh interval (in seconds):

Jenkins User:

Jenkins Password:

Jenkins Url:

Hide success builds:

Hide errors NO Master branches:

Send info email if group fails:

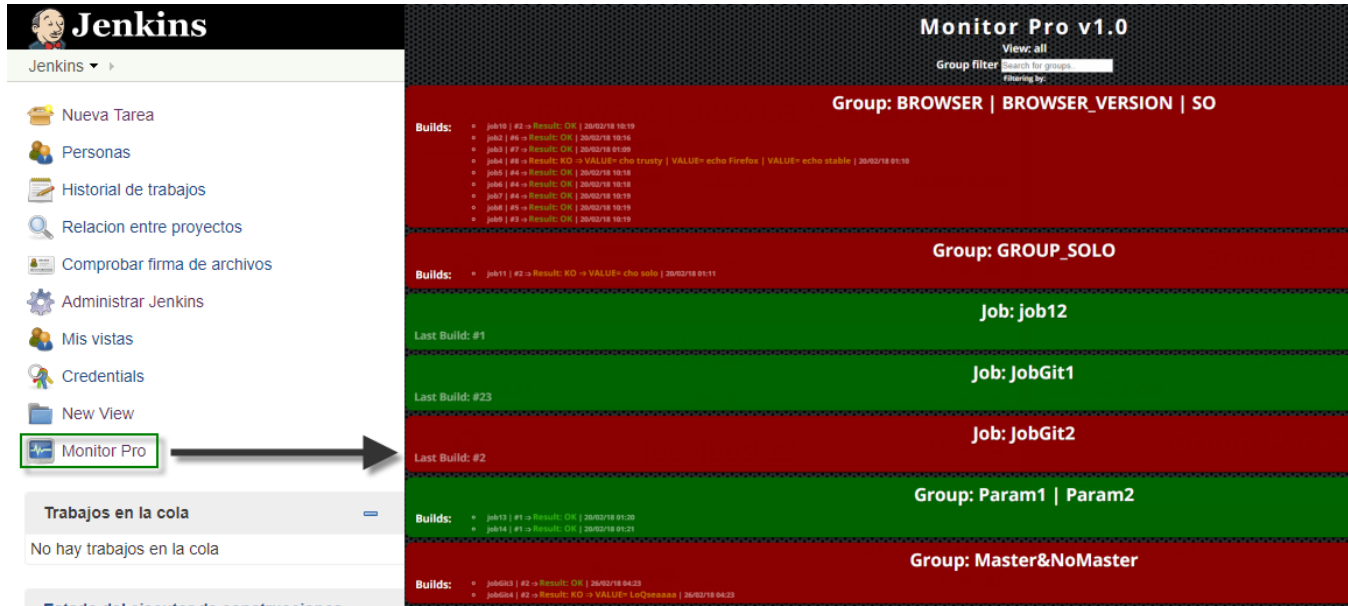
Email list:

## Installation

You can use this application as a plugin of Jenkins or integrated into any web application. Install application as a plugin there is no mistery, but if you want to use it into a web app, click on the link <https://github.com/mmariscalg/jenkins-test-failure-magnifier> to more information.

## Quick start

Once the plugin's installation has finished, go to the Jenkins main page. An icon has been added at bottom of the left menu. To access the monitor plugin you must click on it.



By default, Monitor Pro tries to connect to Jenkins at <http://localhost:8080/jenkins>, if we have configured Jenkins on another port or base path, we need to set the correct value in the configuration menu. Remember that Monitor Pro runs on Jenkins, so it is not to set any user or password. You only need to fill in these fields if you run Monitor Pro on another web application or if you want monitoring another Jenkins server.

## Local Mode

By default, Monitor Pro tries to connect to the Jenkins host. Remember that Monitor Pro runs on Jenkins, so it is not to set any user or password.

## Remote Mode

If you want to monitoring another Jenkins Server, you need to follow the next steps:

- Create a user to Monitor Pro in the Jenkins target.
- Install, config and enable the CORS plugin.

CORS Filter	
Is Enabled	<input checked="" type="checkbox"/>
Access-Control-Allow-Origins	<input type="text" value="*"/>
Access-Control-Allow-Methods	<input type="text" value="GET,HEAD,OPTIONS,POST,PUT"/>
Access-Control-Allow-Headers	<input type="text" value="Access-Control-Allow-Headers,Origin,X-Requested-With,Content-Type,Acr"/>
Access-Control-Expose-Headers	<input type="text" value="Access-Control-Allow-Headers,Origin,X-Requested-With,Content-Type,Acr"/>
Access-Control-Max-Age	<input type="text" value="900"/>

- Set the credentials created above, in the configuration menu of the Monitor Pro.

Settings

Views: all ▼

Maximum number of columns: 1 ▼

Jenkins Configuration:

Refresh interval (in seconds): 5

Jenkins User: .....

Jenkins Password: .....

Jenkins Url: http://localhost:8080/

Hide success builds:

Hide errors NO Master branches:

Send info email if group fails:

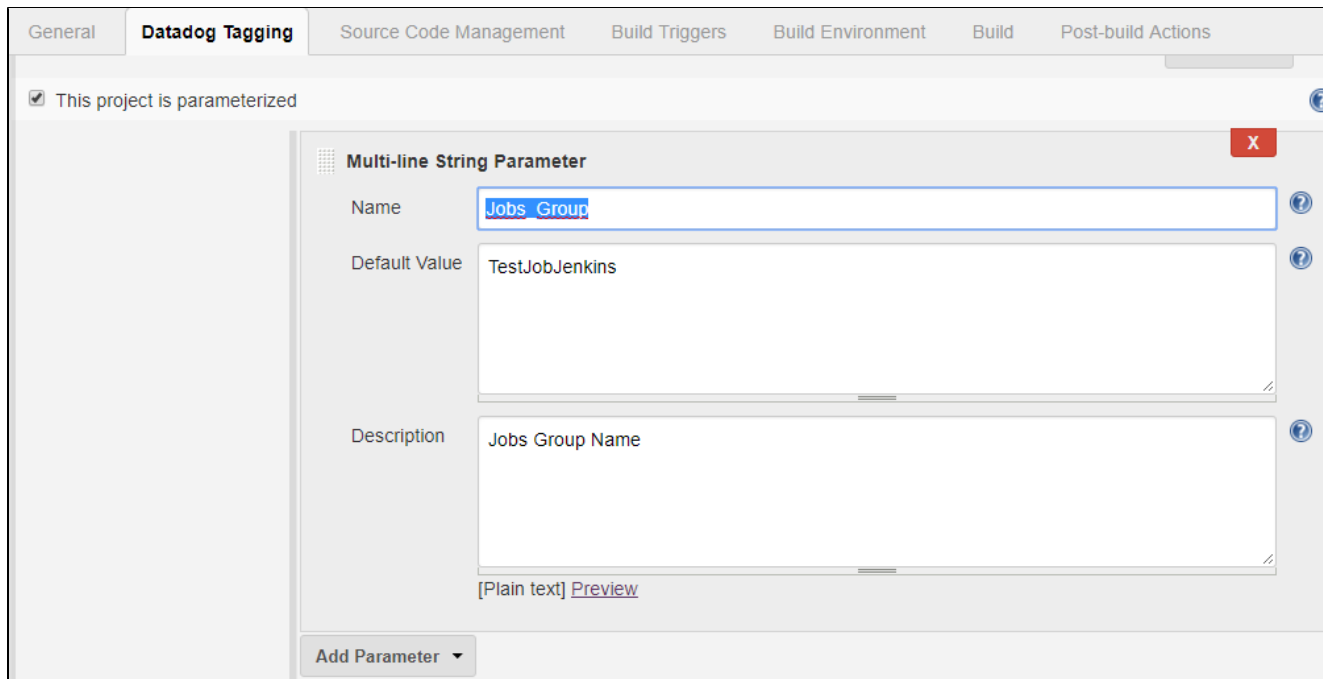
25/02/18 04:23

Email list:

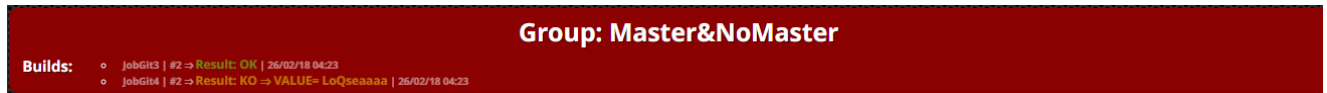
Send

## Create Jobs Groups

If you need testing your application in many difererents environments or configurations, you can create a group of Jobs. For this, you have to add a new text parameter to each Job of the group.



You can see the result of doing this, in the image below



## Technology

The interface and logic of Monitor Pro, are built entirely with the Angular Framework and TypeScript. Jelly, Stapler or Java, are only used to integrate the application as a plugin on Jenkins. Monitor Pro obtains job status information by making requests to the Jenkins REST API.

## Based on

To start building this plugin, we have taken two reference:

- Jenkins EzWall Plugin
- Jenkins CI Build Monitor Plugin

## Changelog

### Version 1.0.9 (28/06/2018)

- Show jobs inside folders
- Option to send emails

### Version 1.0.6 (21/03/2018)

- Filter option.

### Version 1.0.4 (07/03/2018)

- Group by group name, whichever is the parametrized name of the group.
- Show which parameter caused the error.
- Group by parameter for easier viewing.
- Option to hide jobs finished successfully.
- Option to show as success the jobs run from a branch different to Master branch.

## **Version 1.0.2 (02/07/2017)**

- Modify Jobs Group style.

## **Version 1.0.1 (23/06/2017)**

- Fixed some bugs on start up.

## **Version 1.0.0 (22/06/2017)**

- Initial version.

# Licence

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