

# Radiator View Plugin

## Plugin Information

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

Provides a job view displaying project status in a highly visible manner. This is ideal for displaying on a screen on the office wall as a form of Extreme Feedback Device.

Once the plugin is installed, click on the add view tab and select "Radiator View". The job selection options are the same as the standard list view -- either select projects to include or specify a regular expression to select the options. This plugin will be integrated with the claim plugin if it is installed - claimed failures are displayed in a column on the right.

Example:

The screenshot displays four panels of the Radiator View Plugin in a 2x2 grid:

- No Project** (Green background): Shows two successful jobs: `stable` and `stable2`.
- matrix** (Yellow background): Shows unclaimed failures for `matrix-unstable` with parameters `axis1=axis1a,axis2=axis2a`.
- matrix3** (Red background): Shows unclaimed failures for `matrix3-failed` with parameters `axis1=axis1a,axis2=axis2a`.
- with** (Orange background): Shows claimed failures for `with-tests-claimed` with parameter `(username)`.

This is showing a Radiator in 'Project' based mode - jobs with a common prefix are grouped together and represented as a single box on the screen.

The screenshot displays a grid of colored boxes representing different job statuses in Jenkins Radiator. The boxes are arranged as follows:

- failed** (Red box)
- failed-claimed** (Amber box) with subtext: reason (username).
- matrix1** (Amber box) with subtext: axis1=axis1a,axis2=axis2a: (username). axis1=axis1a,axis2=axis2b: reason (username).
- matrix3-failed** (Red box) with subtext: axis1=axis1a,axis2=axis2a: Not Claimed. axis1=axis1a,axis2=axis2b: (username).
- with-tests-failed** (Red box)
- with-tests 1/2 test failure** (Yellow box)
- with-tests-claimed** (Amber box) with subtext: (username).
- matrix-unstable** (Yellow box)
- unstable-claimed** (Amber box)
- unstable-unclaimed** (Yellow box)
- matrix2** (Green box)
- stable** (Green box)
- URL bar: localhost:8080/view/rad-job/job/with-tests/lastBuild

- Green boxes are shown when all jobs are successful.
- Red boxes are shown when any jobs fail (including test failures). Links to the failed builds and details of possible culprits if known are also shown.
- Amber boxes are shown when jobs fail, but all failing jobs are claimed. Details of the claims are also shown.

Hovering over the project name opens a list of all jobs relating to that project as in the top-left project. Hovering over the ? button provides configuration options.

There are several different approaches to displaying the radiator, including non-project based and only showing failing builds - give it a try to see some of them.

## Compatibility

JENKINS-20415 causes views of this type to fail to be displayed (see JENKINS-20664 for details) if there are any multi-combination (matrix) jobs defined.

This applies to Jenkins 1.532.1 as well as some number of releases after 1.531 until 1.539. 1.40 has no compatibility issues.

As a workaround, when running on problematic Jenkins core releases, uncheck "Recurse in subfolders" in the view.

## Open Tickets (bugs and feature requests)

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	JENKINS-41292	Breadcrumbs covers the Caption Text	Baptiste Mathus	Duy Ton-That		OPEN	Unresolved	Jan 22, 2017	Dec 16, 2017	
	JENKINS-19315	Bad readability when all jobs are green	Baptiste Mathus	x jenkins		OPEN	Unresolved	Aug 22, 2013	Dec 16, 2017	
	JENKINS-36142	Get status from Radiator View Plugin	Unassigned	Johannes Jeppsson		OPEN	Unresolved	Jun 22, 2016	Feb 19, 2017	
	JENKINS-7599	Provide alias mechanism for culprits	Unassigned	sannies		OPEN	Unresolved	Sep 28, 2010	Feb 19, 2017	

4 issues

# Changelog

## Release 1.28 (06 November 2016):

- **UPGRADE TO 1.642.3 BASELINE**
- [FIX JENKINS-36320](#) Meaningless job names with Folders or Pipeline Multibranch Plugin
  - Now the "Full Name" is used to display jobs in radiators
- [JENKINS-36708](#) Wrong background image
- [JENKINS-33645](#) Improve Folders Plugin handling: selecting a folder will now recursively select jobs in it

## Release 1.26 (16 February 2016):

- **UPGRADE TO 1.554.1 BASELINE**
- [JENKINS-26392](#) Support CloudBees Folders Plugin (Fix ClassCastException w/ Folders)
  - No full support. Only avoid crashing when selecting Folders.

## Release 1.25 (25 January 2016):

- [JENKINS-32549](#) : Support the pipeline-plugin (previously known as the workflow-plugin)
- (Technical details: plugin has been released using the [new plugin parent pom](#), in version 2.1)

## Release 1.24 (25 January 2015):

- [i](#) Fixed a width issue appeared with Jenkins 1.593

## Release 1.20 (24 September 2014):

- [i](#) Upgraded to Jenkins 1.509.4 as a minimum version requirement

## Release 1.19 (24 September 2014):

- [i](#) 7d22fd5 : Added possibility to display headline on the dashboard with configurable text and size
- [i](#) [JENKINS-23306](#) : If no failing jobs, consider unstable as failures.
- [i](#) Add a feature to be able to define a caption for the radiator
- [x](#) [JENKINS-23924](#): fix the broken UI.

## Release 1.18 (18 January 2014):

- [x](#) Add "Recurse in subfolders" as workaround to [JENKINS-18025](#), [JENKINS-20415](#) and [JENKINS-20664](#). Thanks kazesberger for the patch!

## Release 1.17 (20 October 2013):

- [x](#) Radiator View plugin throws NullPointerException at ClaimWrapper.getClaimForRun(ClaimWrapper.java:39). [JENKINS-20129](#)
- [x](#) Jobs not built are displayed as failed jobs. [JENKINS-12460](#)

## Release 1.16 (17 October 2013):

- [x](#) Ignore old matrix combinations. [JENKINS-20089](#)
- [x](#) Mark page as 'full-screen-capable' for iOS devices. [JENKINS-8981](#)
- [x](#) Show last completed build, skipping aborted ones [JENKINS-8222](#)

## Release 1.15 (12 October 2013):

- [i](#) Config checkbox to display build stability icon in radiator. [Pull request 8](#) from dhorbach.
- [i](#) Some minor spacing detail updates. [Pull request 10](#) from outdooricon.
- [x](#) Remove dependency to Claim plugin that was introduced in release 1.14. [JENKINS-19961](#)

## Release 1.14 (3 October 2013):

- [i](#) Add support for matrix builds. Based on commits from pull request #1 from Henrik Lynggaard Hansen (henriklynggaard). See new screenshots for examples. [JENKINS-8458](#)
- [x](#) Show unstable builds as yellow. Based on pull request #7 from antoniobustorff [JENKINS-9772](#) [JENKINS-10585](#) [JENKINS-10614](#) [JENKINS-10846](#)
- [x](#) use z-index to enforce radiator view always on top. Thanks to Nicolas De loof (ndeloof) for the pull request!
- [x](#) Support for concurrent builds in claim integration. Thanks to David Pärsson (davidparsson) for the pull request! [JENKINS-12661](#)

## Release 1.13

- Gradients, shadows and other UI changes. Please feel free to send new CSS and patches to improve it!
- [JENKINS-8239](#) - Added a button in the top left to access configure and delete view links.

### **Release 1.12 (18 April 2011):**

- Show list of projects as tooltip in project based views. Useful for figuring out what's in 'no project'

### **Release 1.11 (22 March 2011):**

- No code changes
- Fixed deployment issue to ensure this shows up in the update centre.

### **Release 1.10 (17 March 2011) :**

- Modified to use div based layout to provide equal sized boxes.
- Highlight time since last successful build more
- Some tidying up of the UI (although still too cluttered!)
- Created a sidebar to list claimed builds separately from the main builds, only showing the build name and claim reason.
- Fixed creation of new views
- Added an option to group multiple builds by 'project'. This is useful on systems with 100's of builds covering 10's of projects that are organised using a common job name prefix.

### **Release 1.9:**

- Claim plugin integration fixes.

### **Release 1.8:**

- [JENKINS-6507](#): If the claim plugin is installed, claim details are shown with broken builds.
- Fixed a NPE calculating the culprit with builds that have been failing for many builds.
- Spread stable builds over more rows, so they're wider to show more of the titles on installations with many jobs.

### **Release 1.7 :**

- [JENKINS-6238](#) : UI improvements
- [JENKINS-6233](#) : weather icons paths are wrong if hudson isn't deployed on /

### **Release 1.6:**

- Merged contributions from Lucas Cavalcanti and Ryan Shelley (see comments at the end of this page), with a new configuration option. These have increased the visibility of the builds and help with embedding in other pages.
- Black background – Better contrast with build colors (red and green in my case)
- More opacity when the job is queue
- Heart beat when the job is building – an animation like the building balls
- Build health icons
- Hidden header and sidebars

### **Release 1.5:**

- Fix `IllegalArgumentException` when adding a new radiator view ([JENKINS-5198](#)).

### **Release 1.3, 1.4:**

- Include more information, based on Julien Renaut's work in the XFPannel.
- Replaced layout with standard html tables to make better use of the space.
- Optimised layout for installations with many (dozens) jobs.
- Added configuration options to hide stable jobs or stable job details.

### **Release 1.2:**

- Include Progress bar on all jobs.

### **Release 1.1:**

- Initial public release.