

# Badge Usage

Once you have [setup your SonarQube servers](#), you just need to use the SonarQube Connector Badge macro to setup the resource you want to get the badge (metric) from.

You have to complete two parameters:

- **SonarQube server:** this is a dropdown list with the SonarQube servers [configured through the plugin settings](#).
- **Resource Key:** this is the key of the SonarQube resource to retrieve the quality metrics. You can get this key from your SonarQube project dashboard or your sonar-project analysis parameters. You can setup more than one resource/project key by providing a comma separated list of resource keys. Measures will be aggregated into a unique view of all the projects together.
  - **Note:** Enterprise portfolio are also supported you can enter the portfolio name here.
- **Tags :** This is an optional field. You can get the projects through the tags associated with them in SonarQube/SonarCloud. These tags can be obtained from your project page in SonarQube/SonarCloud or from the analysis properties. You can configure more than one tag by specifying a comma separated list of tags. The results will be aggregated in a single view with all the resources together.
- **Metric Key:** this is the metric that you want to display in the badge. Check out [SonarQube metric definitions](#) to know which metric key you should use for each metric.
  - Common values are: *ncloc*, *coverage*, *reliability\_rating*, *security\_rating*, *sqale\_rating*, *duplicated\_lines\_density*, ...
- **Branch:** Name of the branch (visible in the SonarQube UI)
  - Only available on single project configuration

The screenshot shows a 'Reliability Report' page in SonarQube. At the top, there's a header 'Reliability Report'. Below it, a text box explains that this is a sample report using the SonarQube Connector Badge macro. Below the text, there are three tabs: 'SonarQube Connector Badge | reliability\_rating' (selected), 'SonarQube Connector Badge | bugs', and 'SonarQube Connector Badge | new\_bugs'. The main content area shows the 'Editor macro 'SonarQube Connector Badge'' dialog. The dialog has two panes: 'Administration page.' and 'Preview'. In the 'Administration page.' pane, the 'Resource Key' is set to 'es.excentia.jira.plugins:yoigo-jira-plu' and the 'Metric Key' is set to 'reliability\_rating'. Below these fields, there's a description of the Resource Key and a list of example Metric Keys. In the 'Preview' pane, a red circle with a white 'E' is displayed, with the text 'Reliability Rating' below it. At the bottom of the dialog, there are 'Select macro', 'Save', and 'Cancel' buttons.

## Setting multiple resource keys

The same way as the **SonarQube Connector Macro**, you can use multiple resource keys in your **SonarQube Connector Badge** macro. The value that will be displayed will be the aggregated value.

Take a look at [Setting multiple resource keys](#) if you need more information about it.