

Browsing SonarQube in Eclipse - Version 3.2



This page documents version 3.2 of the SonarQube Eclipse plugin. For more recent versions, click [here](#).

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Local and Remote Mode

Two modes are available:

Remote Mode

This is the default mode. Information showed in the remote mode is coming from a remote SonarQube server. This means that this information has been computed during the latest analysis on that server.

Thus, you will not see issues introduced in the code that you just added or changed.

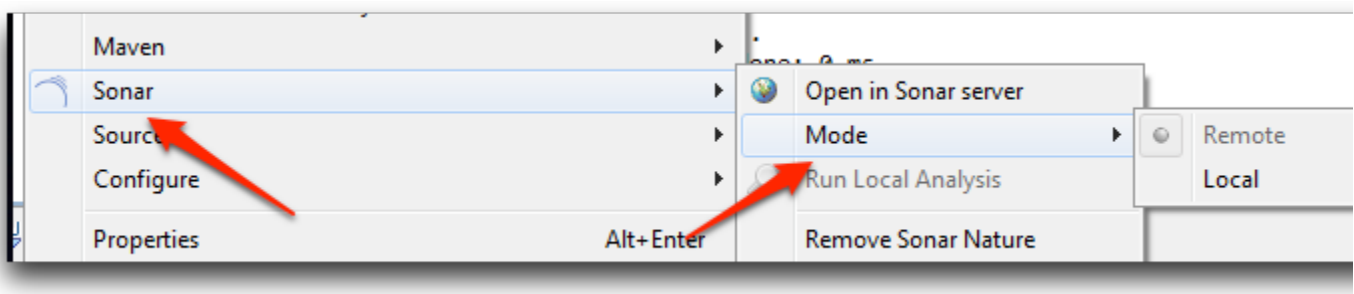
Local Mode

When switching to the local mode, information displayed is coming from the latest local analysis.

Thus, you can see the issues introduced in the code that you just added or changed.

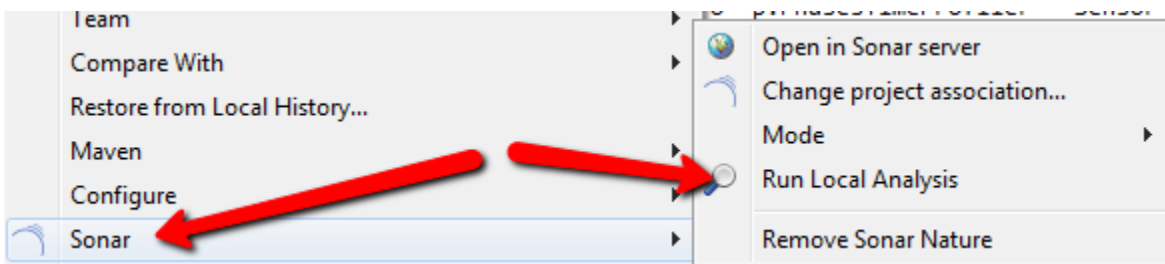
Switch from One Mode to Another

To switch from one mode to another, right-click on the project, then select **Sonar > Mode > Remote** or **Local**:



When switching to the Local mode, a local analysis will be run automatically.

At any time, to run another local analysis, right-click on the project, then select **Sonar > Run Local Analysis**:



Local Analysis Parameters

Parameters to configure local analysis can be set in various places. Here is the hierarchy of parameters:

- Parameters defined in the SonarQube Web UI
- Parameters set in the pom.xml file (for Maven projects only, with the m2e connector installed) will override parameters defined in the UI
- Parameters defined in Eclipse will override parameters defined in the pom file (go to **Window > Preferences > Sonar > Local analysis properties**)
- Parameters defined at project level in Eclipse will override parameters defined at Eclipse level (right click on the project and go to **Properties > Sonar > Local analysis properties**)



Excluding Plugins

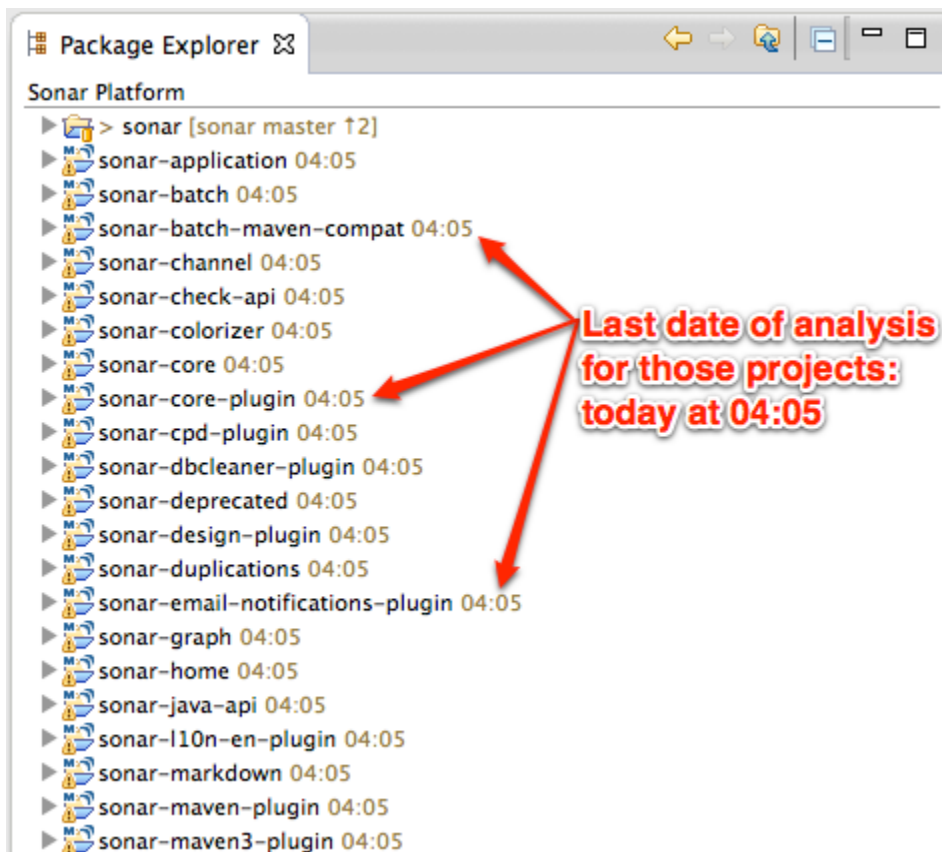
Some plugins (useless for a local analysis) can be skipped while performing a local analysis thanks to the `sonar.dryRun.excludePlugins` property (**Settings > Configuration > General Settings > General > General**).

The default value is 'devcockpit,pdfreport,report,scmactivity,views'. For example, to skip the Build Stability plugin (due to <https://jira.codehaus.org/browse/SONARIDE-346>), set the property to 'devcockpit,pdfreport,report,scmactivity,views,buildstability'.

Last Analysis Date

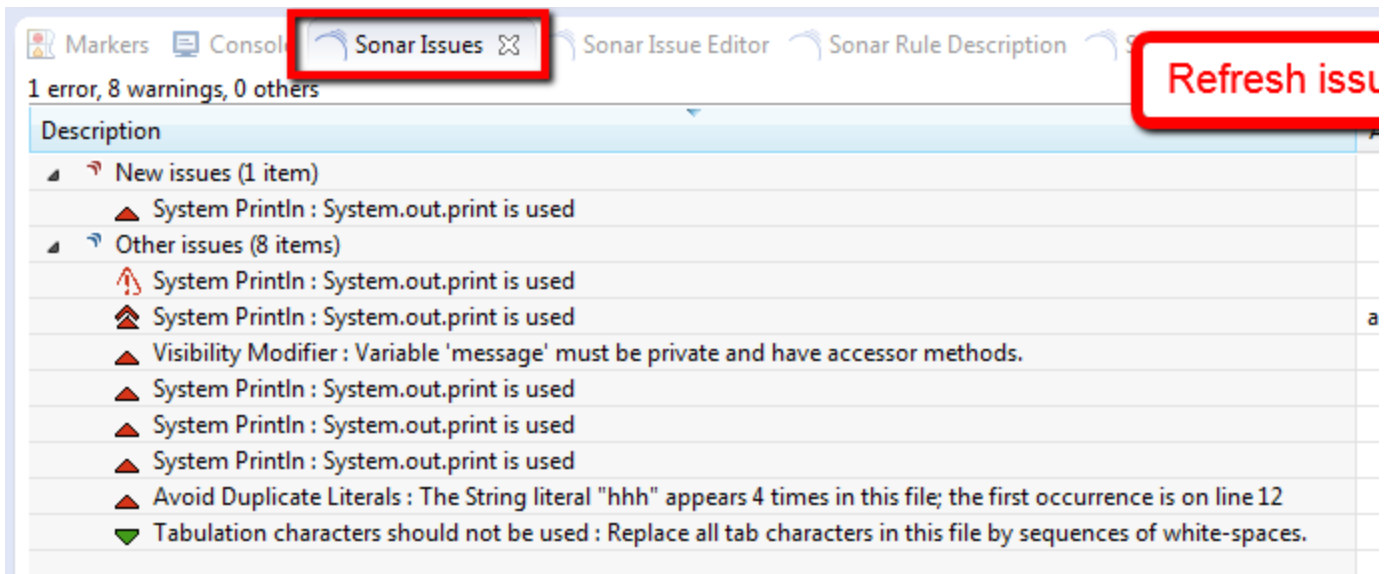
There are two ways to know when the last analysis was run on a project:

- Right-click on the project in the **Project Explorer**, and then **Properties > Sonar**
- This date can be displayed on the navigation views, like the Project explorer or the Navigator. This option is not active by default. To activate it, go to **Window > Preferences > General > Appearance > Label Decorations** and check **Sonar Analysis Date Decorator**:



Sonar Issues View (displays local or remote information depending on the selected mode)

The **Sonar Issues** view displays the list of issues of the selected component (project, file, etc.):



To refresh the list of issues on the project, click on the **Refresh** button.

You can also add/remove columns, group issues (by severities, ...), filter issues (new issues only, issues, assigned to me, ...), sort (by assignee, ...), etc.

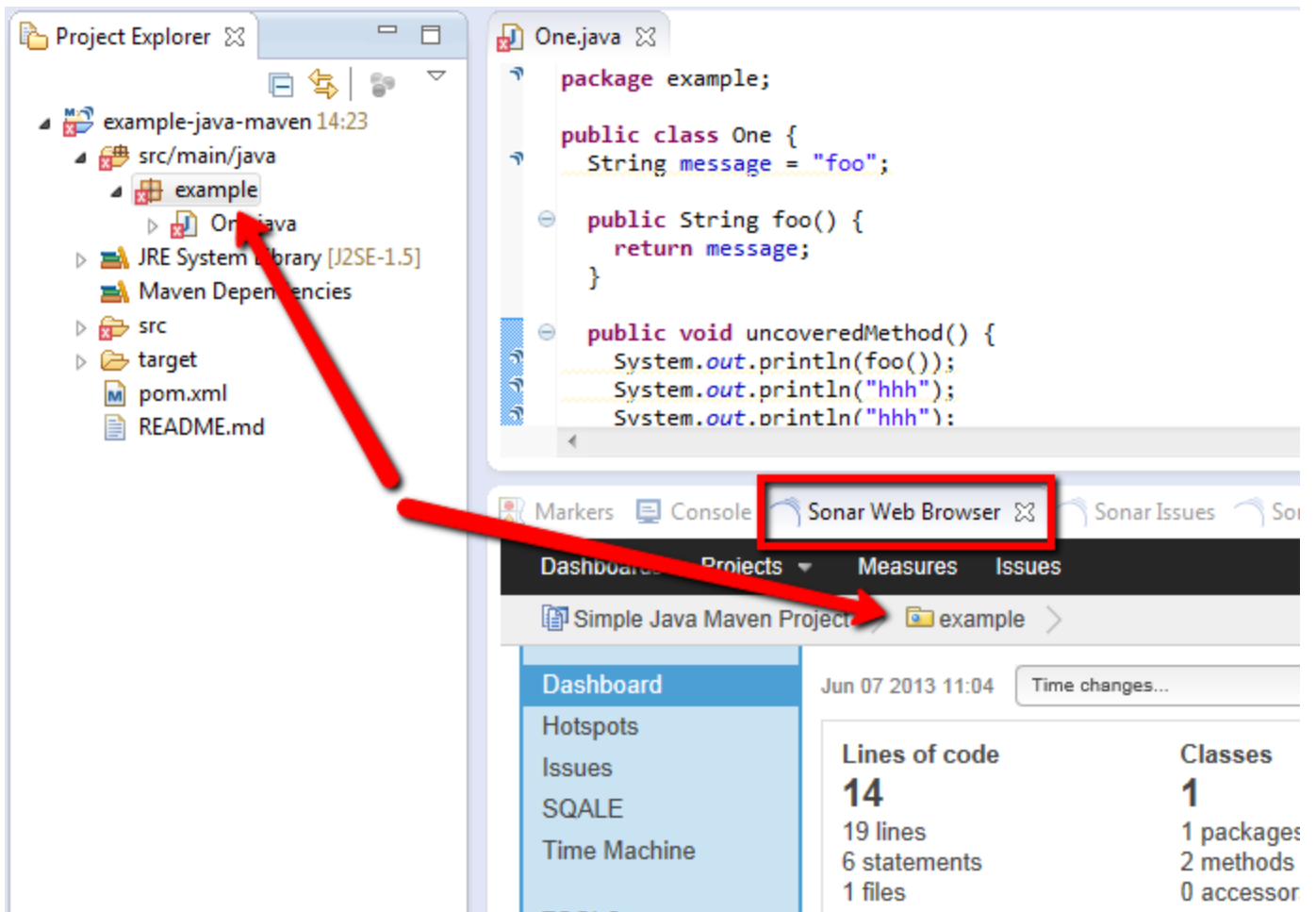
Note that "Resolved" issues are not displayed.

This view can be displayed by going to **Window > Show View > Other... > Sonar > Sonar Issues**. **Problems** and **Markers** views also display issues.

Sonar Web Browser View (displays remote information only)

The **Web** view displays the main project dashboard (for project) or the component viewer (for class or file).

This web page can also be used to access information and services (Clouds, Hotspots, etc.) that are not available in SonarQube Eclipse.



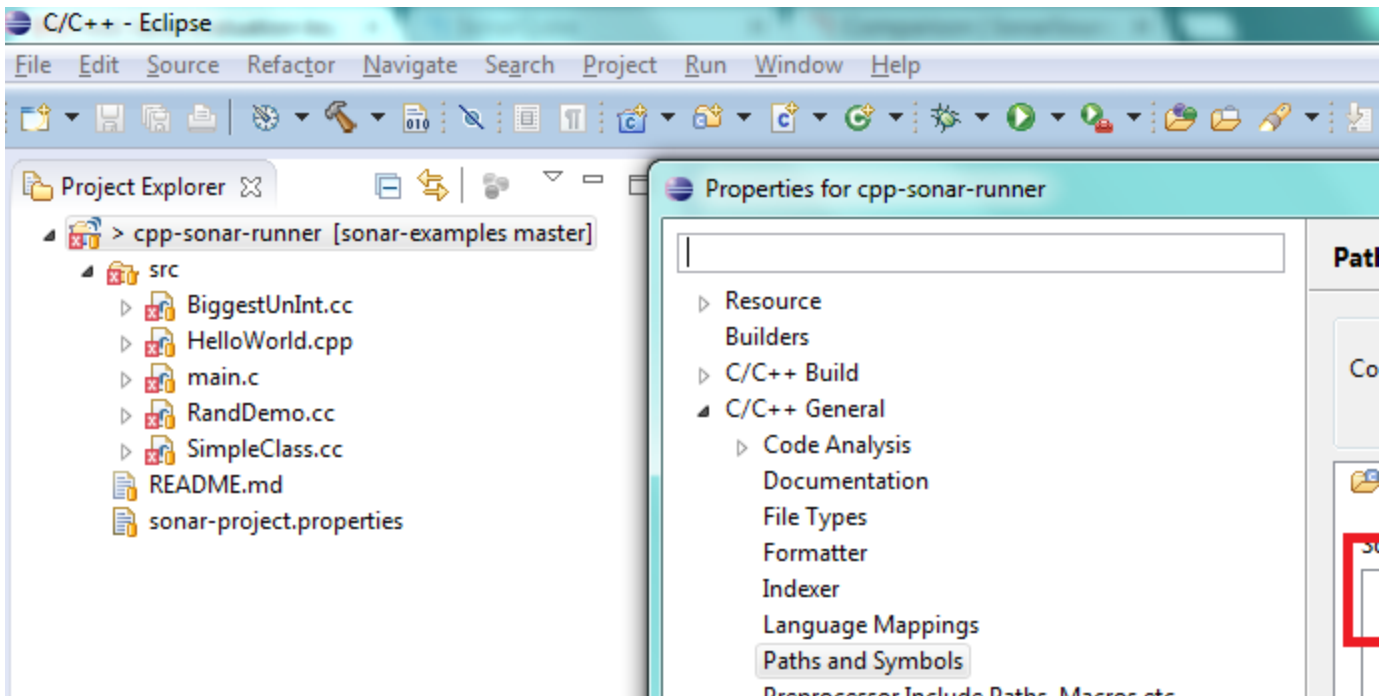
This view is automatically displayed when clicking on **Sonar > Open in Sonar server**. It can also be displayed by going to **Window > Show View > Other... > Sonar > Sonar Web Browser**.

FAQ

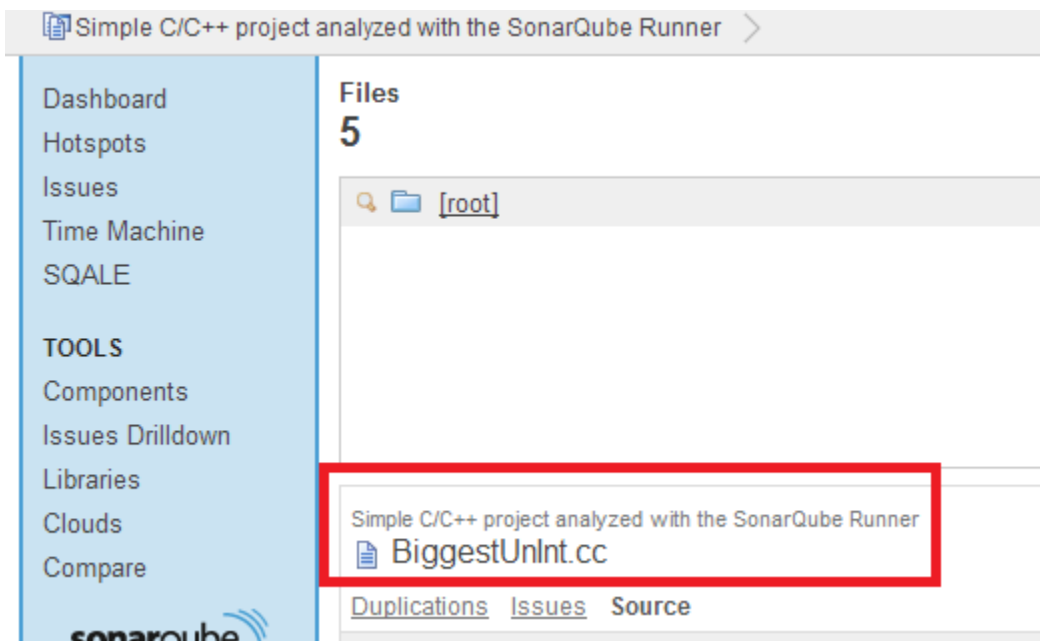
No issues are displayed in remote mode

It happens when the source folders are not properly set in Eclipse.

Let's take the [C/C++ project sample](#) for instance. When you import it into Eclipse, by default the source folder is set to `/cpp-sonar-runner` (and not to `/cpp-sonar-runner/src`):

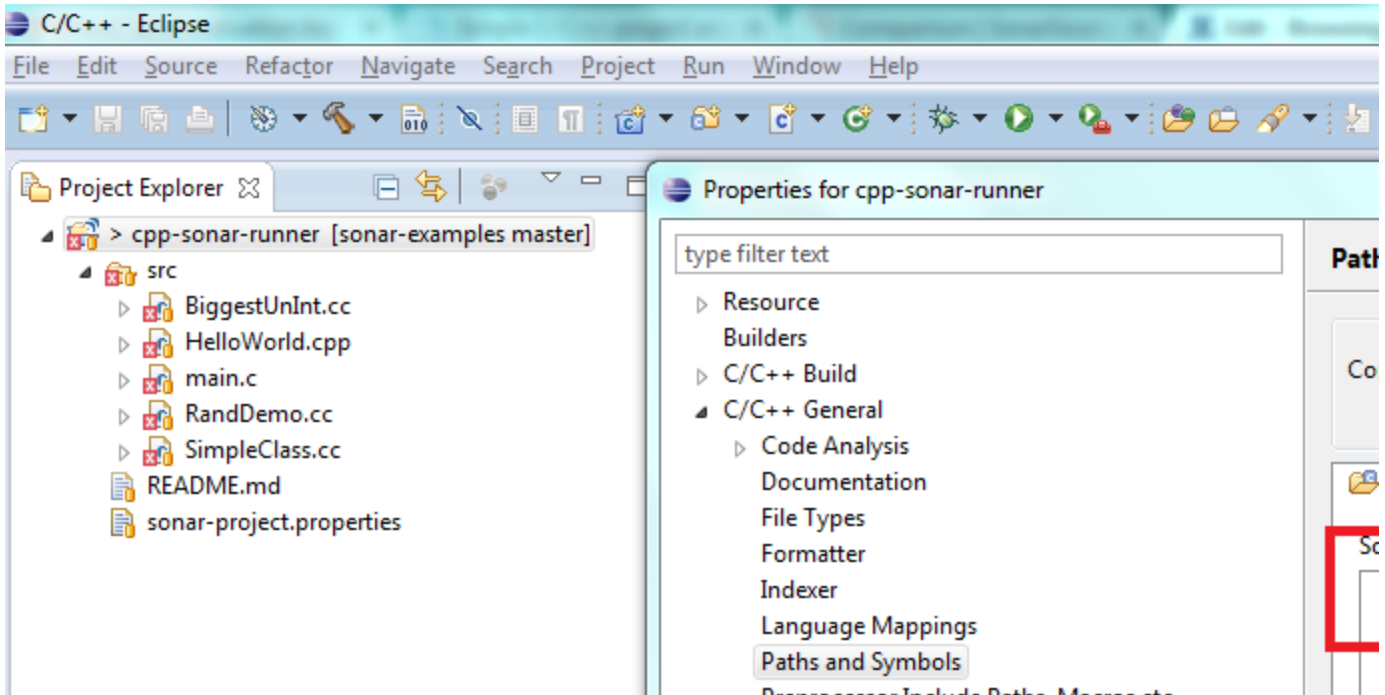


Therefore, SonarQube will try to retrieve data from files whose fully qualified names are *src/BiggestUnInt.cc*, *src/HelloWorld.cpp*, etc. It will find none as the fully qualified names in SonarQube are *BiggestUnInt.cc*, *HelloWorld.cpp*, etc. (without "src"):



Hence, you won't get any issue displayed in remote mode in Eclipse.

But if you set the source folder to *cpp-sonar-runner/src* instead:



you will get issues displayed:

