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Home

Welcome to the sonar-icode-cnes-plugin wiki!

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Documentation

Documentation

User manual

[manual.pdf](#)

The User Manuel is generated from this wiki by [Wikito Converter](#) [GitHub](#)

Plugin Overwiev

[presentation.pdf](#)

Architecture

Overview of Sonar Plug-in ICode CNES architecture Packages

fr.cnes.sonarqube.plugins.icode

Defined all plug-in elements. These elements extends Sonar and add to it:

- languages: Specific Plug-in language
- measures: Metrics and computed measures definitions
- report: Parse a ICode CNES output report
- rules: ICode CNES rules definition
- sensor: Sensor executed by sonar-scanner into ICode CNES projects
- settings: Plug-in preferences

fr.cnes.sonarqube.plugins.icode.languages

Define a new specific language used to:

- Aggregate ICode CNES Metrics and Rules
- Allow Sonar administrator to edit the plug-in preferences Define a default Quality Profile.

fr.cnes.sonarqube.plugins.icode.measures

Define Metrics and computed measures.

fr.cnes.sonarqube.plugins.icode.report

ICode CNES output report parser and ICode CNES sensor interfaces.

fr.cnes.sonarqube.plugins.icode.rules

Define all ICode CNES rules.

fr.cnes.sonarqube.plugins.icode.sensor

Define how to read ICode CNES output report and produce measures and issues.

fr.cnes.sonarqube.plugins.icode.settings

Define plugin preferences.

Contribute

Checkout and build

Requirements

Required:

- JDK 8 insatllled
- Eclipse installed
- ICode CNES installed

Install development environment

Import Sonar plugin Github project into Eclipse:

1. Import Project From Github
2. Then import general project
3. Convert this project into Maven project if not...
4. Ensure your Eclipse use the right JDK (Perefences/Java/Installed JREs)

Make your plugin and deploy into sonar:

1. On project, right click:"Run As/Maven install"

Warning: If command Maven install failed with the message error: "No compiler is provided in this environment. Perhaps you are running on a JRE rather than a JDK?", follow this steps:

- On your Eclipse IDE, go into Window > Preferences > Java > Installed JREs > and check your installed JREs. You should have an entry with a JDK there.
- Select the Execution Env as show below. Click OK