

Toad CodeXpert



Deprecated
This plugin is deprecated.

Description / Features

This plugin is an extension of the [SonarSource PL/SQL plugin](#) (commercial) and can only be used with it.

CodeXpert has two modes to analyze PL/SQL sources:

- It scans source code from files on disk. This mode is generally used in enterprise environments with configuration management strategies (use tools like Subversion or Clearcase).
- It connects to the database and analyzes all the objects stored in that database. This mode is NOT supported by SonarQube.

Installation

1. Install the plugin through the [Update Center](#) or download it into the `SONARQUBE_HOME/extensions/plugins` directory
2. Restart the SonarQube server

Usage

Prerequisites

- Dell (previously Quest Software) Toad 9.5 or higher with the CodeXpert module (included in Toad for Oracle Xpert, Toad for Oracle Professional, and Toad Development Suite for Oracle).
- A connection to an Oracle database if you use Toad 9.x or 10.x. It is a limitation of Toad that it needs to be connected to the database even if the connection is not used by the CodeXpert module. So you can set a "fake" connection to an empty database.

Configuration

The following properties have to be set (at project level through the `sonar-project.properties` file or at instance level through the `sonar-runner.properties` file or web interface):

```
sonar.plsql.toad.exePath=C:/Program Files/Quest Software/Toad for Oracle 10.5/Toad.exe
sonar.plsql.toad.login=USER@XE
sonar.plsql.toad.password=user_password
```

Run an Analysis

[Activate some rules](#) from Toad CodeXpert in your project [quality profile](#) and run an analysis of your project.

SonarQube automatically configures and launches Toad CodeXpert to check your code against the Toad CodeXpert's rules.

Troubleshooting

- If the analysis is triggered by a process that runs as a Windows Service (from a Continuous Integration server such as Jenkins), the analysis will fail. This issue is supposed to be fixed in Toad 12 but was not tested.
- Toad CodeXpert 9.x is unable to start from the command-line when the month of the current date contains an accent ("Décembre" in French for example). The workaround for this is to change the regional settings on the machine.

Change Log

Release 1.0 (3 issues)

T	Key	Summary
	SONARPLUGINS-2380	Ensure that violations imported from Toad are not logged with a line <= 0.
	SONARPLUGINS-2381	Add DISPLAY_ICON=0 to Toad command line
	SONARPLUGINS-2379	The parsing of the Toad XML report should be independant of any encoding

3 issues