Redgate SQL CI Plugin

Plugin Information

View Redgate SQL Change Automation [on the plugin site](#) for more information.

ⓘ Older versions of this plugin may not be safe to use. Please review the following warnings before using an older version:

- [Credentials stored in plain text](#)
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Who is this plugin for?

It's for users of Redgate's SQL Change Automation. The tools help users manage databases alongside application code in agile processes. The [SQL Change Automation](#) tool plugs into Jenkins to enable continuous integration for your SQL Server databases.

What does it do?

It's an easy way to build, test, synchronize and publish databases using Jenkins:

1. Build - builds your database from a [Redgate source controlled database](#) to a NuGet package.
2. Test - generates test data using Redgate's [SQL Data Generator](#) and runs tSQLt tests against the package.
3. Sync - updates an existing database with the latest version in the package.
4. Publish - publishes the package to a NuGet feed ready for deployment.

What are the prerequisites?

You'll need to install:

- Redgate's [SQL Source Control](#) or [SQL Change Automation](#) so you can generate a project

Free trial versions of these tools are available.

Developing or debugging this plugin

Redgate recommend the [JetBrains IntelliJ IDEA](#) environment for developing or debugging. There's a free community edition available.

To get a development version of Jenkins working with the Redgate SQL Change Automation plugin installed:

1. Clone the repository.
2. Install [Maven](#).
3. Open a command prompt at the repository root directory and run the following commands:
   a. set MAVEN_OPTS=-Xdebug -Xrunjdwp:transport=dt_socket,server=y,address=8000,suspend=n
   b. mvn hpi:run

For more details, see this [Jenkins tutorial](#)

Need help?

If you need help with this plugin, email support@red-gate.com

Know how to improve this plugin?

If you can make this plugin better - great! Code it and submit a [pull request](#). If it looks good, we'll merge in your changes.

Alternatively, email your suggestions to support@red-gate.com