

Part 3: Create your First Repository

If you are new to Continua, It is recommended that you first read [Part 1: Create your First Project](#) and [Part 2: Create your First Configuration](#). This tutorial assumes that you already have a project and configuration created as outlined in Part 1 and Part 2.

Without repositories, Continua CI would have no source code to build. Continua CI links directly to your source control repositories and executes builds. For more information on repositories, check out the [Repository Types](#).

In part 1 and part 2 of this tutorial, we created both our first project and configuration in Continua CI. Following on from this, we are now going to attach a repository to our configuration so that we can get some real data that we can play with!

For this tutorial we are going to use the opensource [Fluent NHibernate GitHub project](#) as our source repository. Fluent NHibernate allows you to write database to object mappings in strongly typed C#, however for this exercise we don't need to worry about what the project actually

For this tutorial we will be adding our repository as a **Configuration Repository**. This means that only this configuration will know about this repository and no other configurations will be able to access it.

My First Project

1100

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Configuration Wizard: My First Configuration

1 Details > 2 Repositories > 3 Variables > 4 Stages > 5 Events > 6 Triggers > 7 Conditions > 8 Security > 9 Reports > 10 Cleanup

Link your Version Control Systems (VCS) to this Configuration. Repositories can be created at the Global, Project or Configuration level.

Note that scope changes and repository assignments are actioned immediately

- What is a Repository?
- Creating and Editing Repositories
- Repository Scope
- Repository Types

Global Repositories [Create]

Global Repositories can be used by any Configuration in any Project.

Status	Repository	Type	Last Checked	Issue Connector</
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New Repository

Repository

Required Field

Name

Fluent_NHibernate

Issue Connector

Polling Frequency

Normal (60 Seconds)

Timeout (mins)

60

Type

☒ Checkout files to workspace

Clear this if you are only using this repository to trigger builds and do not want to copy any files to the workspace.

☒ Enabled

☒ Validate

Save

Cancel

The Create Repository dialog allows you create or edit a repository and apply all settings that you will need to connect to your repository. There are plenty of options that you can include when creating a repository, however these will not be covered in this tutorial. For more information, check out the [Repository Types](#).

New Repository

Repository

Git

Branches

Tags

Scripts

Options

Filtering

Downtime

Name

Fluent_NHibernate

Issue Connector

Polling Frequency

Normal (60 Seconds)

Timeout (mins)

60

Type

Git

☒ Checkout files to workspace

Clear this if you are only using this repository to trigger builds and do not want to copy any files to the workspace.

☒ Enabled

Repository specific properties can be set via the tabs above.

The default repository branches for this configuration can be defined using the "Mappings" dialog.

Validate

Save

Cancel

Help

New Repository

Repository

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Repository URL

https://github.com/jagregory/fluent-nhibernate.git

Required Field

Username

The username to connect to the remote Git repository.

Password

The password to connect to the remote Git repository.

☐ Recursive

Include sub-repositories when fetching source files.

☐ Fetch other remote refs

Fetch other refs from remote.

Using

Git.Default

Use the executable found by this property collector

Repository Validated Successfully.

Validate

Save

Cancel

Help

