CFDSource Installation

This brief document describes how to install CFDSource. There are 3 mechanisms for doing this:

1. Install from package
2. Install from GITHub repository
3. Install from GITHub and connect to contribute to CFDSource

Expect some errors and omissions' and please do feedback any issues!

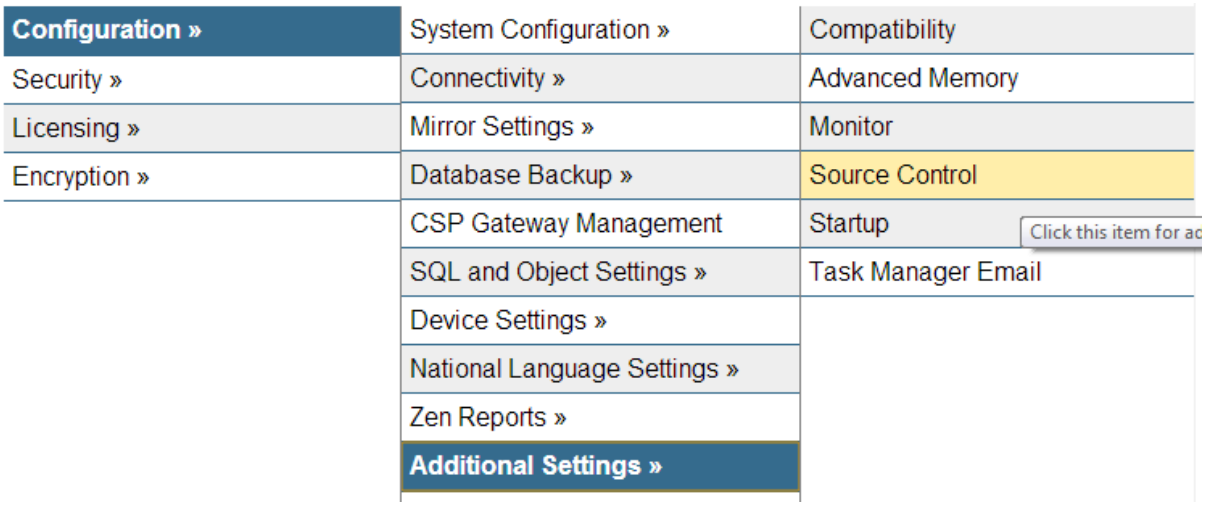
Install from Package

Inside the project there is a release folder which will contain a cfd-source.xml. This folder contains the most recent released version of the CFDSource project.

> **Note:** This is not kept in line with the source code, so may be behind the very latest.

To install:

- Download the cfd-source.xml file from GITHub to your machine
- Import this into the target namespace (see note below on namespaces)
    - In Studio use {Tools … Import} and select your file.
    - In Management Portal use {System Explorer > Classes > Import} and select your file
- If compile was not selected on import, compile all of the CFDSource package.
- To set CFDSource as the nominated source control plugin
    - In Management Portal use {System Administration > Configuration > Additional > Source Control}.
    - CFDSource.Studio.StudioControl should be available to select.



- You should also setup your default user/email that CFDSource will use for the projects. In terminal set the following global:

```
>set ^CFDSource("User")="{your name}"
>set ^CFDSource("Email", "{your name}")="{your email}"
```

Namespace Note: In order to provide source control hooks in a namespace, the CFDSource package must be available in that namespace. This can be achieved in one of several ways:

- Import CFDSource (separately) into any namespace you wish to use it from
- Import CFDSource into 1 namespace, say USER, and then set up a package mapping for the CFDSource package in the target namespace.
- Import CFDSource into 1 namespace, say USER, and then set up a %All package mapping for CFDSource so it is available in every namespace.

See the InterSystems documentation for creating a namespace and the %All namespace.

Install from GITHub

You can clone the project, or better still a fork of the project, to create a local repository. You can then import this into Caché by:

- Open terminal from the Cube
- Switch to the namespace you wish to add CFDSource to (>zn "NS")
- Issue the following command, replacing {path} with the local path of the repository:

  >do $system.OBJ.LoadDir("{path}/src/main/cache", "c")

  Note: In the future there may also be a /src/main/resources and /src/main/data to also import.

- You should also setup your default user/email that CFDSource will use for the projects. In terminal set the following global:

  >set ^CFDSource("User")="{your name}"
  >set ^CFDSource("Email", "{your name}")="{your email}"

Install from GITHub and Contribute

If you feel you want to contribute to CFDSource, then the process for setup is similar:

- Fork https://github.com/thegaffer/CFDSource.
- Obtain a clone of that via your favourite GIT tools (git-bash, git-gui etc.)
- Import into your target namespace as per steps above
- Update the ^CFDSource global to repoint to your working directory:

  >set ^CFDSource("Projects", "CFDSource", "WorkDir")="{path/to/your/local/repo}"

Now when in Studio it should recognise when you have the CFDSource project open that it is connected to source control.