

# User Guide: Repository setup

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The X-MAN tool exploits CDO as the technology for collaborative model repository. To setup a CDO repository, please download an executable CDO server suitable for your OS at <https://eclipse.org/cdo/downloads/> e.g. emf-cdo-R20130213-0014-CDOServer-Mac.zip

Unzip the file to reveal its content. The server configuration is stored in the file called `cdo-server.xml` and the executable to launch the server is called `Cdo-server(.exe)`.

CDO server supports a variety of database engines as storage backend such as H2, MySQL, MongoDB. By default, H2 is the database. Change it to a database engine of your choice if necessary.

In order to make the X-MAN tool aware of the CDO server, we need open the Eclipse preference page to make a small change to the configuration. So, open the `cdo-server.xml` and change the line `<repository name="...">` to `<repository name="X-MAN-Components">`

Finally, open the Eclipse preference page and set the repository name and address. The tool automatically validates the entered data, and will show an error if the connection cannot be established.