

Setting up a Local Git Repository

Although Git provides high flexibility in arranging data and your work with repositories, the following scenarios are most commonly used for setting up a local Git repository:

- [Clone](#) an existing remote repository and create a new project with the downloaded data.
- [Create a local repository](#) which you can [push](#) to a remote location later, if necessary.

To clone a remote git repository

1. On the main menu, choose **VCS | Checkout from Version Control | Git**. The [Clone Repository](#) dialog box opens.
2. In the **Git Repository URL** text box, type the URL of the remote repository which you want to clone.
3. Click the **Test** button next to the **Git Repository URL** text box to check that connection to the remote repository can be established successfully.
4. In the **Parent Directory** text box, specify the directory where you want IntelliJ IDEA to create a folder for your local Git repository. Use the **Browse** button  button, if necessary.
5. In the **Directory Name** text box, specify the name of the new folder into which the repository will be cloned. Click **Clone**.
6. Create a new project based on the cloned data by accepting the corresponding suggestion displayed by IntelliJ IDEA.

To create a local git repository

1. Open the project you want to store in a repository.
2. On the main menu, choose **VCS | Import into Version Control | Create Git Repository**.
3. In the [dialog that opens](#), specify the directory where you want to create a new Git repository.

By default, IntelliJ IDEA suggests the root of the current project.

Git does not support external paths. So if you choose another directory, note that it must contain the tree where the project root resides.

4. Put the required [files under Git](#) version control. The files appear in the [Changes](#) tool window under the **Default** node.

If you specify Git as the version control system for a directory in the [Version Control](#) dialog box, IntelliJ IDEA will suggest to put each new file in this directory under Git control.

See Also

Concepts:

- [Version Control with IntelliJ IDEA](#)

Procedures:

- [Version Control with IntelliJ IDEA](#)
- [Adding Files to Version Control](#)
- [Getting Local Working Copy of the Repository](#)

Reference:

- [Version Control Reference](#)
- [Clone Repository Dialog](#)

Web Resources:

- [Developer Community](#) 