

# Quarkus - JGit

Quarkus includes the `jgit` extension which enables the use of [Eclipse JGit](#) in native mode.

## Configuration

Once you have your Quarkus project configured you can add the `jgit` extension to your project by running the following command in your project base directory.

```
./mvnw quarkus:add-extension -Dextensions="jgit"
```

This will add the following to your pom.xml:

```
<dependency>
  <groupId>io.quarkus</groupId>
  <artifactId>quarkus-jgit</artifactId>
</dependency>
```

## Usage

The `JGit` dependency is resolved transitively when the extension is added to your project. Here is an example using it in a JAX-RS endpoint:

```
@GET
@Path("/clone")
@Produces(MediaType.TEXT_PLAIN)
public String cloneRepository(@QueryParam("url") String url)
throws Exception {
    File tmpDir = Files.createTempDirectory("tmpgit").toFile();
    try (Git git = Git.cloneRepository().setDirectory(tmpDir)
        .setURI(url).call()) {
        return tmpDir.toString();
    }
}
```



When running in native mode, make sure that the [SSL access is configured correctly](#).