

Exercise 3. Creating a Project in SonarQube

The screenshot shows the SonarQube web interface in a browser window. The address bar displays `localhost:9000/tutorials?id=SonarProject`. The page header includes the SonarQube logo and navigation tabs: Projects, Issues, Rules, Quality Profiles, Quality Gates, Administration, and More. Below the header, the breadcrumb shows 'SonarProject / main'. The main content area features a 'Tutorial' section with four options: 'With GitLab CI', 'With Azure Pipelines', 'Other CI', and 'Locally'. The 'Locally' option is selected. A warning box states: 'Embedded database should be used for evaluation purposes only. The embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database engine.' The footer shows 'SonarQube™ technology is powered by SonarSource SA' and 'Community Edition v10.6 (92116) ACTIVE'.

The screenshot shows the SonarQube web interface with the URL `localhost:9000/tutorials?id=SonarProject&selectedTutorial=local`. The page displays the '2 Run analysis on your project' section. It asks 'What option best describes your project?' and shows four buttons: 'Maven', 'Gradle', '.NET', and 'Other (for JS, TS, Go, Python, PHP, ...)'. The 'Maven' button is selected. Below this, it says 'Execute the Scanner for Maven' and provides a command to run the SonarQube analysis with Maven. The command is:

```
mvn clean verify sonar:sonar \
-Dsonar.projectKey=SonarProject \
-Dsonar.projectName='SonarProject' \
-Dsonar.host.url=http://localhost:9000 \
-Dsonar.token=sqp_d0fb0d3eca9fc83732f5f17925b364820f412273
```

 A 'Copy' button is next to the command. The page also includes a link to the 'official documentation of the Scanner for Maven'.

