

- Build the new job

The screenshot shows the Jenkins web interface in a browser. The address bar indicates the URL is `localhost:8080/job/Calculator/configure`. The Jenkins logo and name are at the top left. A search bar and user profile (Christian Martinez) are at the top right. The left sidebar shows the 'Configuration' menu with options: General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions. The main content area is titled 'General' and has an 'Enabled' toggle switch. Under the 'Description' section, there is a text box containing the GitHub repository URL `https://github.com/vero0311/calculator` and a list of instructions: '1. Create a job that does the following: 1.1. Download the project from the Master branch 1.2. Compiles it 1.3. Generates a .jar file'. Below this, there are four unchecked checkboxes: 'Discard old builds', 'GitHub project', 'This project is parameterized', and 'Execute concurrent builds if necessary'. An 'Advanced...' button is also present. The 'Source Code Management' section shows 'Git' selected as the provider, with a 'Repositories' dropdown menu. At the bottom, there are 'Save' and 'Apply' buttons.

Calculator Config [Jenkins] x calculator/src at master - vero0311 x The javac Command x +

localhost:8080/job/Calculator/configure

Jenkins

Search (CTRL+K) ?

1

Christian Martinez

log out

Dashboard Calculator

Configuration

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

General

Enabled

Description

`https://github.com/vero0311/calculator`

1. Create a job that does the following:
1.1. Download the project from the Master branch
1.2. Compiles it
1.3. Generates a .jar file

[Plain text] [Preview](#)

☐ Discard old builds

☐ GitHub project

☐ This project is parameterized

☐ Execute concurrent builds if necessary

Advanced...

Source Code Management

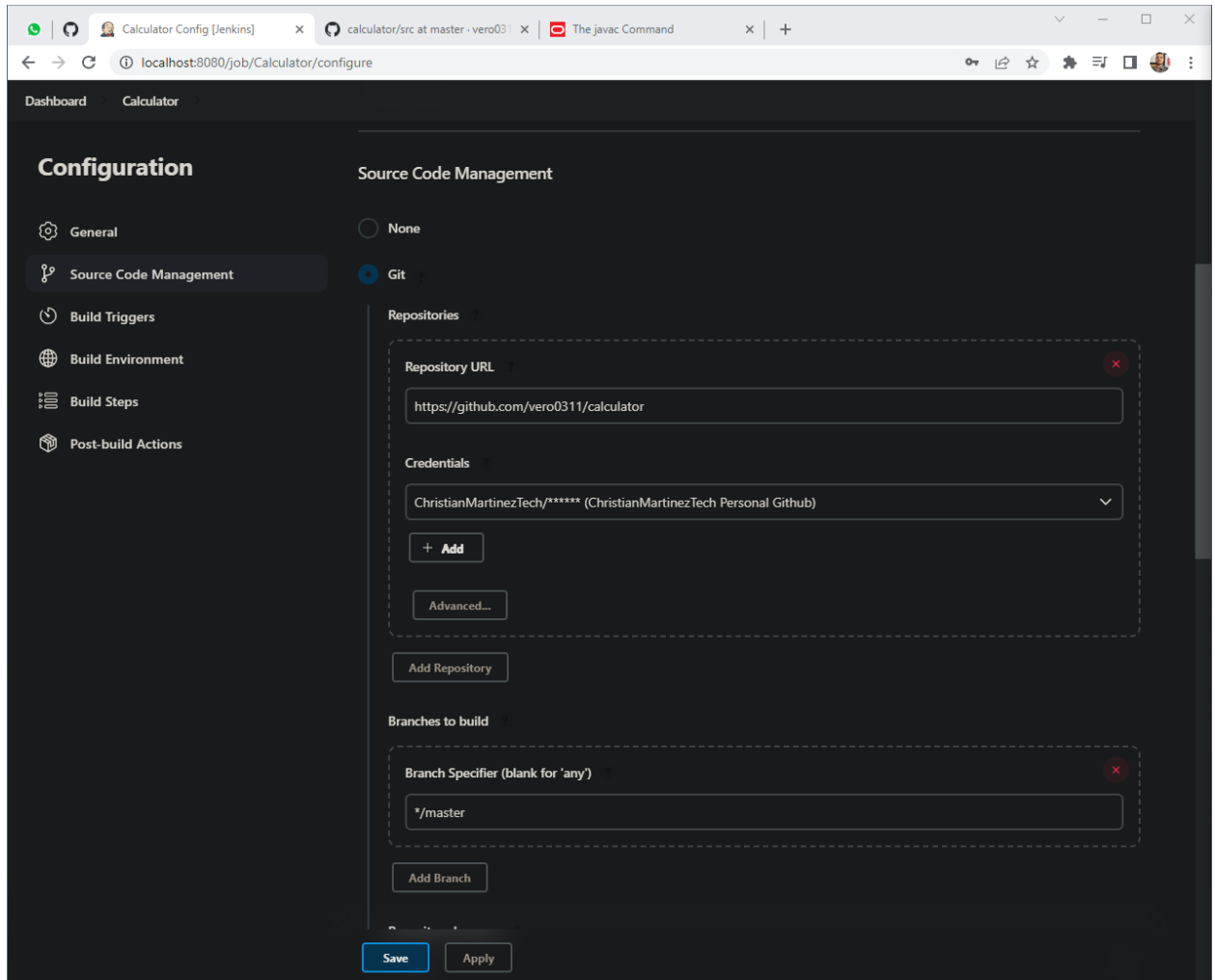
☐ None

☒ Git

Repositories

Save Apply

Add the repo URL and personal Github credentials



The screenshot shows the Jenkins Configuration page for a job named 'Calculator'. The 'Source Code Management' tab is selected in the left sidebar. Under 'Source Code Management', the 'Git' option is chosen. The 'Repositories' section contains a single repository configuration with the URL 'https://github.com/vero0311/calculator' and credentials 'ChristianMartinezTech/***** (ChristianMartinezTech Personal Github)'. Below this is an 'Add Repository' button. The 'Branches to build' section has a 'Branch Specifier (blank for \'any\')' field containing '*/master' and an 'Add Branch' button. At the bottom are 'Save' and 'Apply' buttons.

Configuration

Source Code Management

☐ None ☒ Git

Repositories

Repository URL

https://github.com/vero0311/calculator

Credentials

ChristianMartinezTech/***** (ChristianMartinezTech Personal Github)

+ Add

Advanced...

Add Repository

Branches to build

Branch Specifier (blank for 'any')

*/master

Add Branch

Save Apply

- Executing shell command

The screenshot shows the Jenkins web interface for configuring a job named 'Calculator'. The browser's address bar indicates the URL is `localhost:8080/job/Calculator/configure`. On the left, a sidebar contains navigation links: 'Dashboard', 'Calculator', 'Configuration', 'General', 'Source Code Management', 'Build Triggers', 'Build Environment' (which is selected), 'Build Steps', and 'Post-build Actions'. The main content area is titled 'Configuration' and is divided into three sections: 'Build Environment', 'Build Steps', and 'Post-build Actions'. In the 'Build Environment' section, there is a checkbox labeled 'Use secret text(s) or file(s)' which is currently unchecked. The 'Build Steps' section contains a single step named 'Execute Windows batch command'. This step has a 'Command' field with the following text: `cd src
javac Calculator.java
echo Main-Class: Calculator > Manifest.txt
jar cfm Calculator.jar Manifest.txt Calculator.class`. Below the command field is an 'Advanced...' button. At the bottom of the 'Build Steps' section is an 'Add build step' button. The 'Post-build Actions' section has an 'Add post-build action' button. At the very bottom of the configuration page are 'Save' and 'Apply' buttons. The footer of the Jenkins interface shows 'REST API' and 'Jenkins 2.361.2'.

Configuration

Build Environment

☐ Use secret text(s) or file(s)

Build Steps

Execute Windows batch command

Command

See [the list of available environment variables](#)

```
cd src
javac Calculator.java
echo Main-Class: Calculator > Manifest.txt
jar cfm Calculator.jar Manifest.txt Calculator.class
```

Advanced...

Add build step

Post-build Actions

Add post-build action

Save Apply

REST API Jenkins 2.361.2