

LU04c - Sample project with Jenkins commit pipeline (1)

Internal reference: learningunits/04-3.md

Goals

1. I can set up Jenkins.
2. I can set up a simple pipeline for testing the setup of Jenkins.
3. If there are any errors, I can analyze the error, suggest and test an initial workaround (troubleshooting).

Sample project Traffic Light

This sample project shows how to set up a pipeline in Jenkins for fetching the code from a repository and testing the app (in Node.js) with test cases. Remark: What is not shown is testing the app on your local machine.

1. Live-Demo: How to start and add test cases to the Traffic Light app.
2. [Setup Node.js pipeline \(Jenkins controller\)](#)
3. [Setup a checkout pipeline](#)
4. [Install & Test pipeline](#)
5. [SCM-Pipeline in a file](#)

Exercises

1. Setup Jenkins 02/02_Exercises/01-Exercise.md to 02-Exercise.md - according to the learning objectives (see course repository).
2. If there is an error, read the message carefully, think about a solution and implement it.



Daniel Garavaldi

Last update: 2025/11/10 13:44 en::modul:m324_aws:learningunits:lu04:lu04c https://wiki.bzz.ch/en/modul/m324_aws/learningunits/lu04/lu04c?rev=1762778697

From:
<https://wiki.bzz.ch/> - **BZZ - Modulwiki**

Permanent link:
https://wiki.bzz.ch/en/modul/m324_aws/learningunits/lu04/lu04c?rev=1762778697

Last update: **2025/11/10 13:44**

