

Setting Up Cucumber Integration With Jenkins For Continuous Integration/Continuous Development (Ci/Cd).

Continuous Integration with Jenkins and Cucumber

Prerequisites

- Ensure Jenkins is installed and running.
- Verify that project is configured with Cucumber for test automation.

Plugin Installation

- Navigate to "Manage Jenkins" > "Manage Plugins."
- Install the "Cucumber Reports" plugin.

Jenkins Job Configuration

- Open your Jenkins job for the project.

Build Step Add a build step to execute your Cucumber tests. This could be a shell script or a build tool command.

Post-Build Action - Cucumber Reports

- After the build step, add a "Post-build Action" for "Cucumber Reports."
- Specify the path to the Cucumber JSON report files generated during test execution.

Running the Jenkins Job

- Save your Jenkins job configuration.
- Run the Jenkins job.

Viewing Cucumber Reports

- After the job execution, navigate to the Jenkins job's build page.
- Access the Cucumber report to view detailed test results.

Job Configuration

```
pipeline {
    agent any

    stages {
        stage('Checkout') {
            steps {
            }
        }

        stage('Build and Test') {
            steps {
                sh 'mvn clean test'
            }
        }

        stage('Cucumber Report') {
            steps {
                cucumber 'path/to/cucumber/json/files' // Adjust the path
            }
        }
    }
}
```