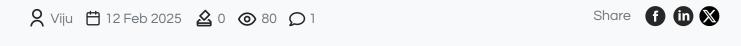
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How we can Integrating Playwright with Jenkins



<u>Integrating Playwright with Jenkins</u> streamlines automated end-to-end testing in your CI pipeline. Here's a concise guide:

1. Prerequisites

- Jenkins: Ensure it's installed and running.
- Java: Required for Jenkins.
- Node.js: Necessary for Playwright.

2. Jenkins Configuration

- Install Plugins: Add the Pipeline and NodeJS plugins via Manage Jenkins > Manage Plugins.
- Configure Node.js: In Global Tool Configuration, add Node.js with the desired version.

3. Prepare Your Playwright Project

- Initialize Project: Run npm init -y and npm install playwright.
- Verify Setup: Create a sample test file and execute it to ensure functionality.

4. Configure Jenkins Pipeline

- Create Pipeline Job: Set up a new Pipeline job in Jenkins.
- **Define Pipeline Steps**: Outline stages to install dependencies, run Playwright tests, and publish reports.

5. Automate Builds

- Scheduled Builds: In Build Triggers, select Build periodically and set a cron schedule.
- **Triggered Builds on Code Push**: Configure webhooks in your version control system to trigger Jenkins builds on code commits.

6. View Test Results

- Generate HTML Reports: Ensure Playwright is set to generate HTML reports in the playwright-report directory.
- Access Reports in Jenkins: After a build, view the Playwright Test Report in the Jenkins build details.

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