

Automation First

The Idea

Normalize your automation approach across all of your team's projects. This enables contributors to jump into a project and make contributions quickly, as they only need to learn the automation entry point pattern.

Prefer language native task runners

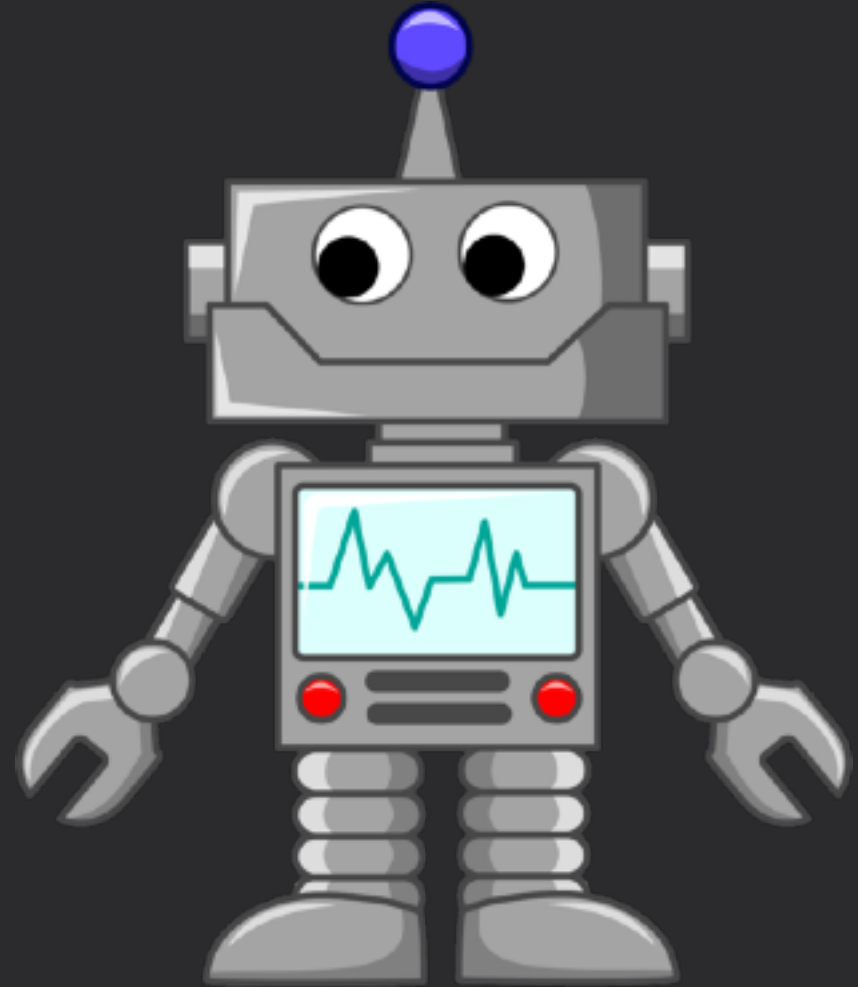
- Java - maven, gradle
- JavaScript - npm, yarn
- Python - poetry, setup-tools

Fallback to platform native tools

- make, bash, task, powershell, cmd, etc.

Don't forget that about common SCM tasks

- commit hooks are your friend



Tasks to immediately automate

Scripts to rule them all

Task	Description	Dependencies
help*	Lists all the available tasks (optional)	
bootstrap	Fulfills all dependencies of the project	
setup	This is typically run after an initial clone, or to reset the project to its initial state	
update	Update the local project after a fresh pull	bootstrap
run	Start the application	update
console	Open a console for your application	
clean	Cleans up temporary build/test artifacts	
build	Execute a build and package artifacts	test**
test	Run the test suite of the application	clean, update
cibuild	Run the tasks associated to a CI execution	test