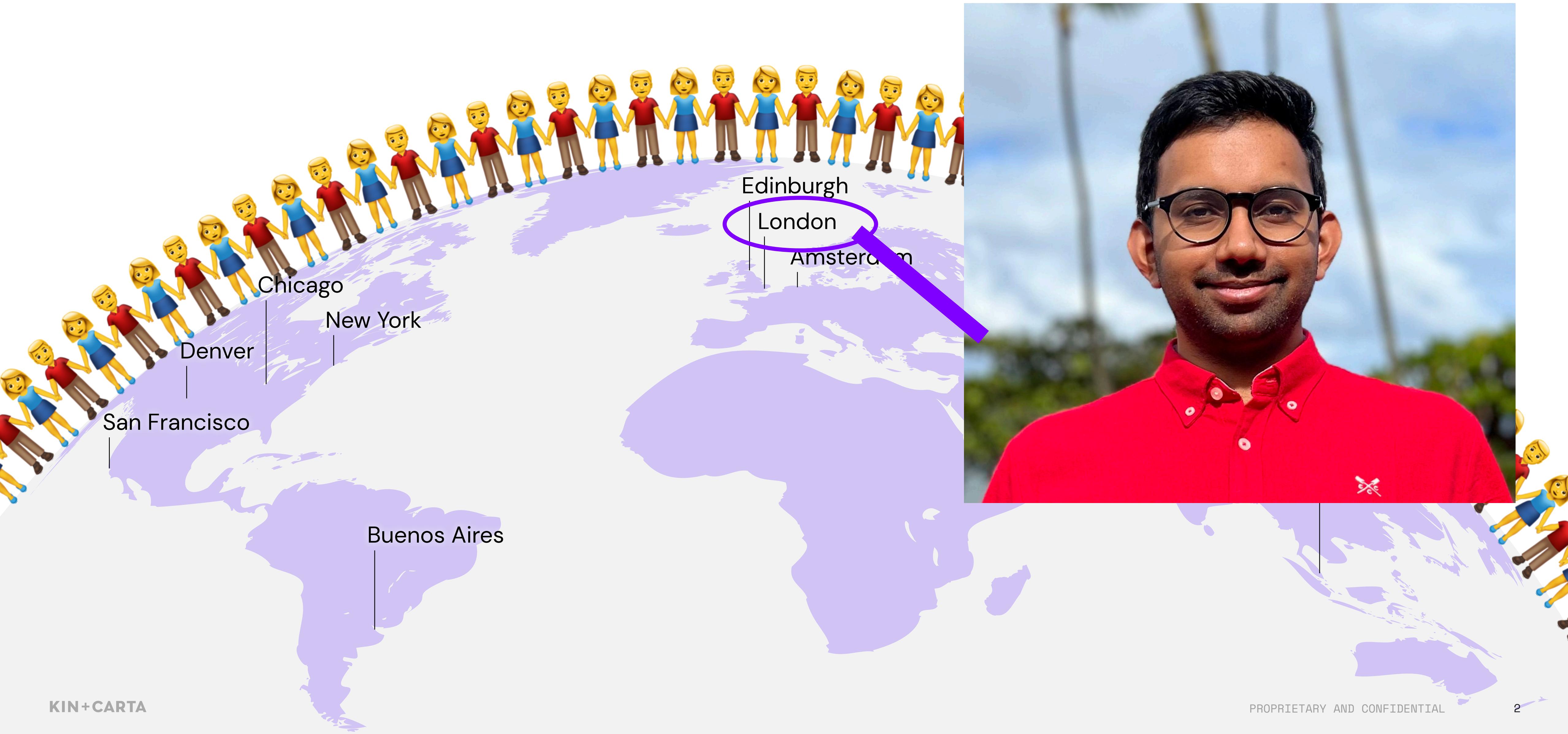


Xcode Cloud



Pranav Kasetti

17 February 2022

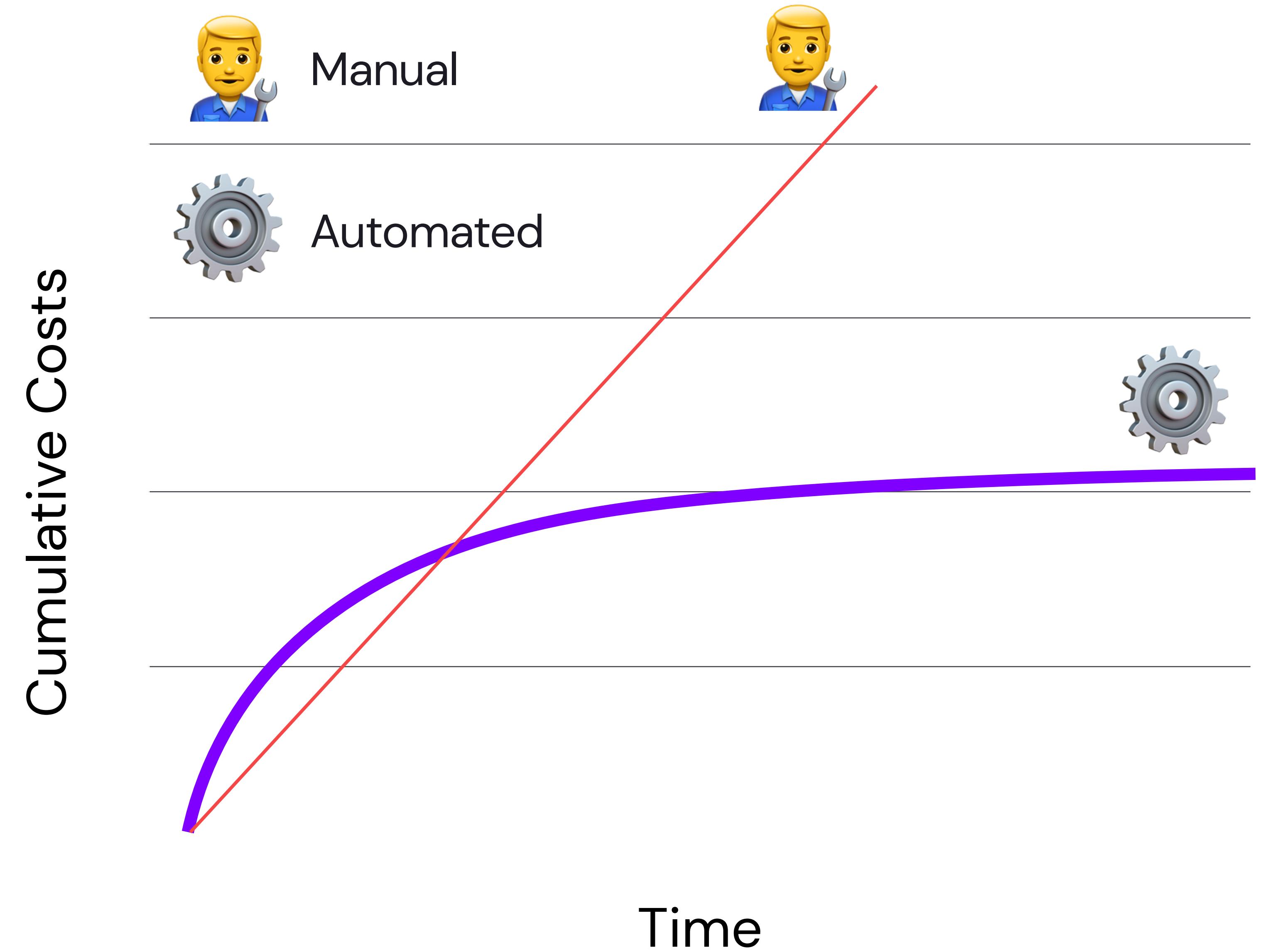


Why talk about Xcode Cloud?



**“If it can be automated,
automate it.”**

- Me



“CI Testing bakes stability into a project.”



“Don’t blame the person, blame the process, and improve it.”



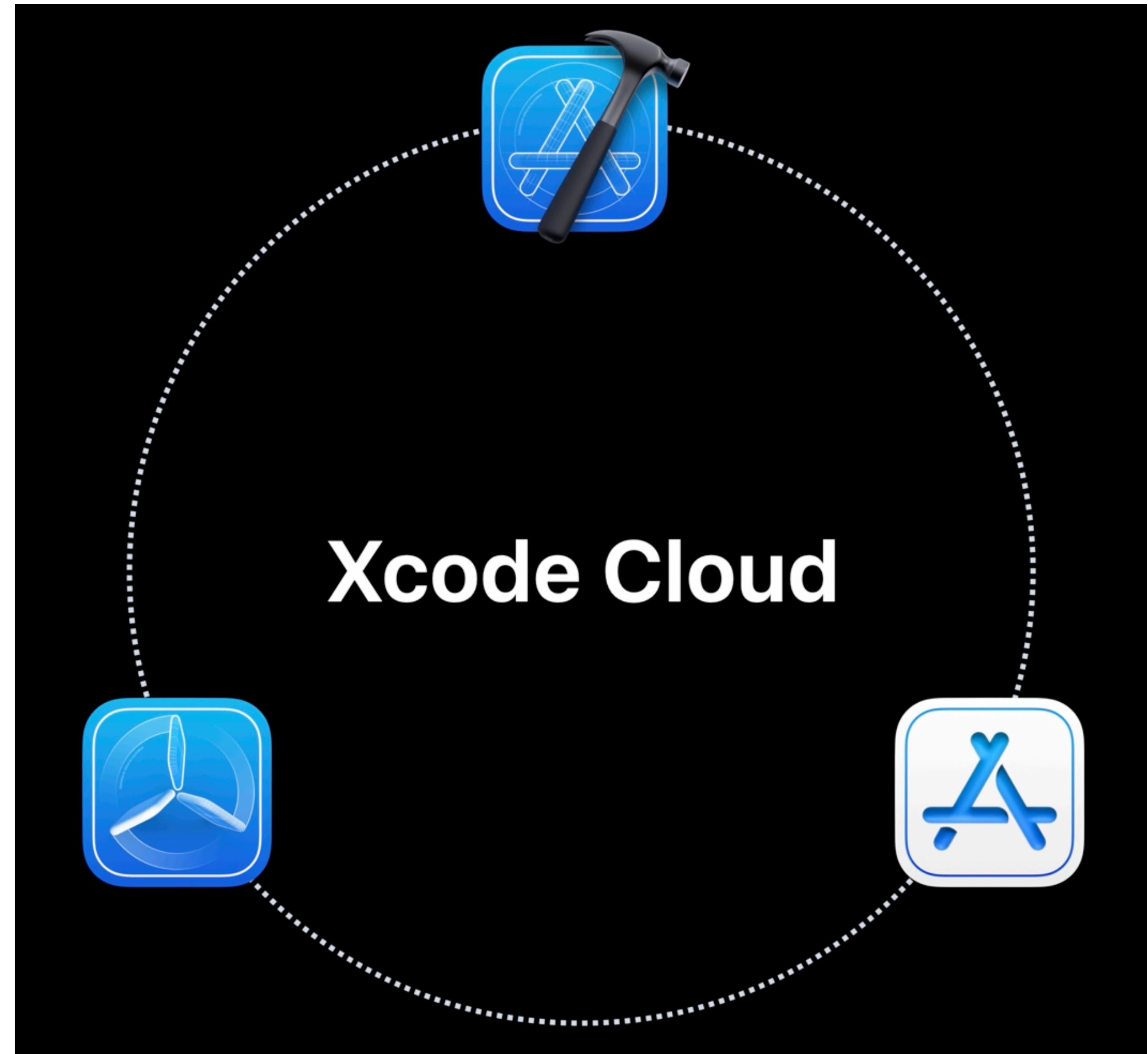
<https://dev.to/sanspanic/blaming-git-blame-1f4o>

Make a build in 1
step, make daily
builds, and use
the best tools
money can buy.



<https://www.joelonsoftware.com/2000/08/09/the-joe-test-12-steps-to-better-code/>

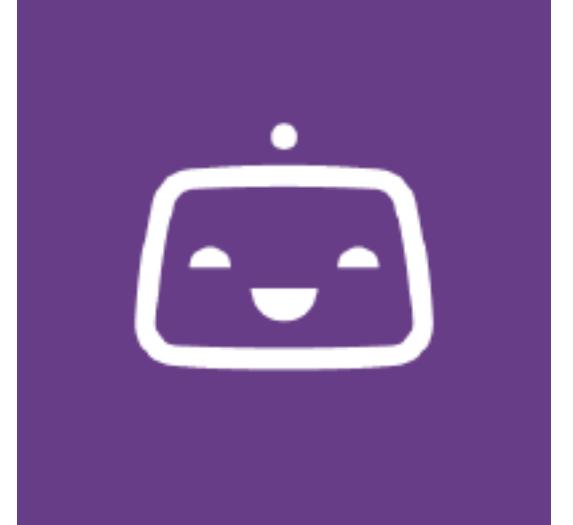
What is Xcode Cloud?



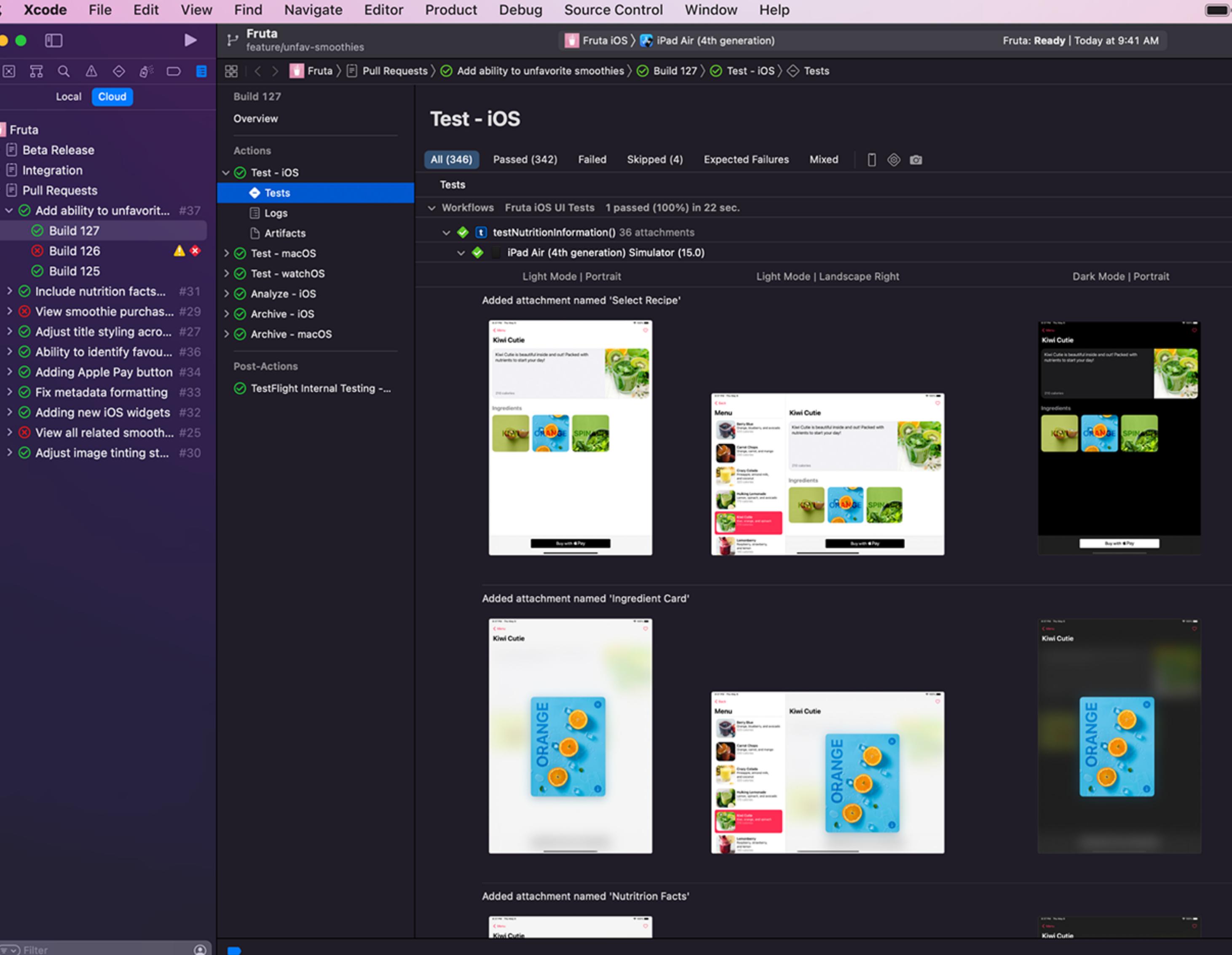
Why create Xcode Cloud?



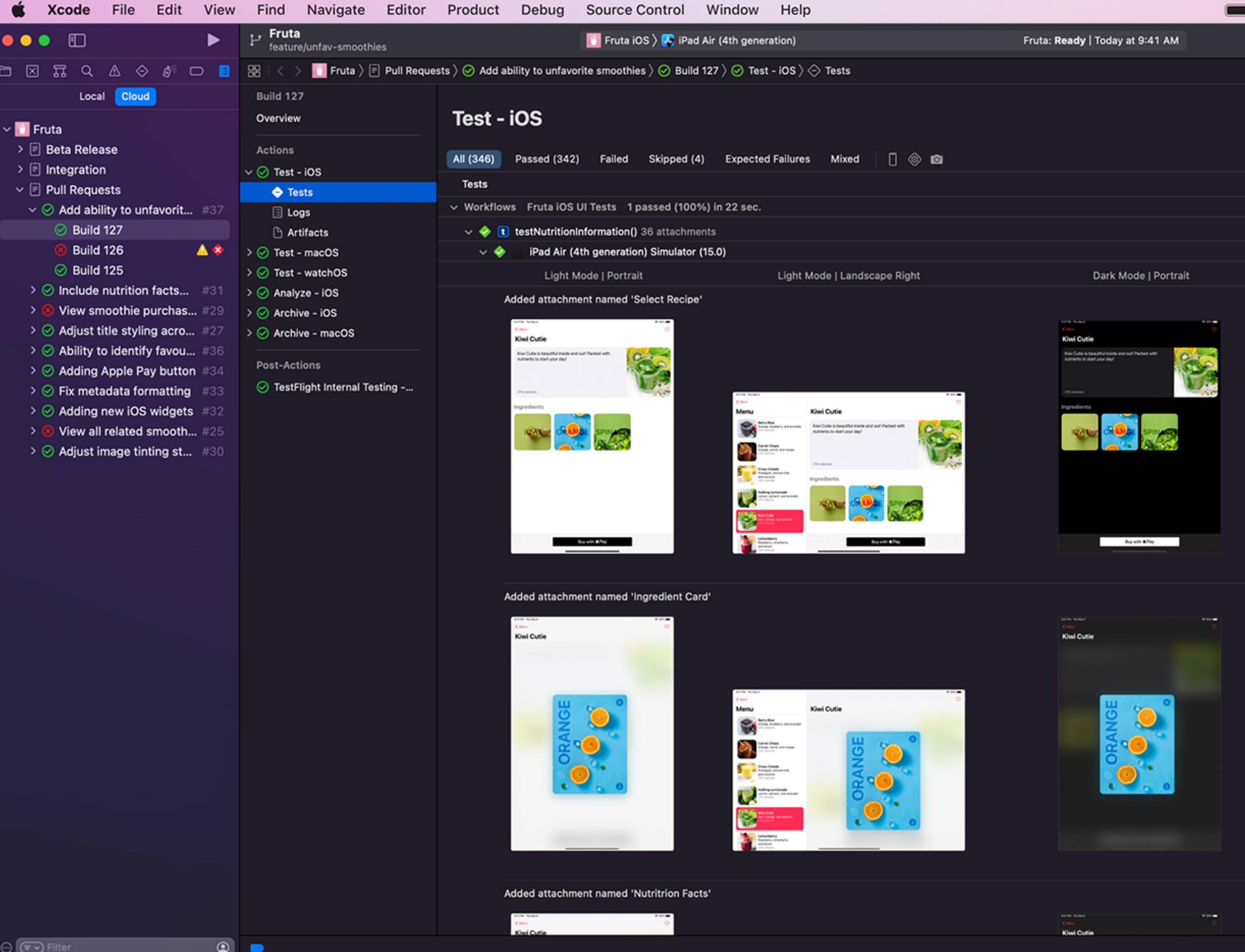
fastlane



Xcode Integration makes the UX very enjoyable.

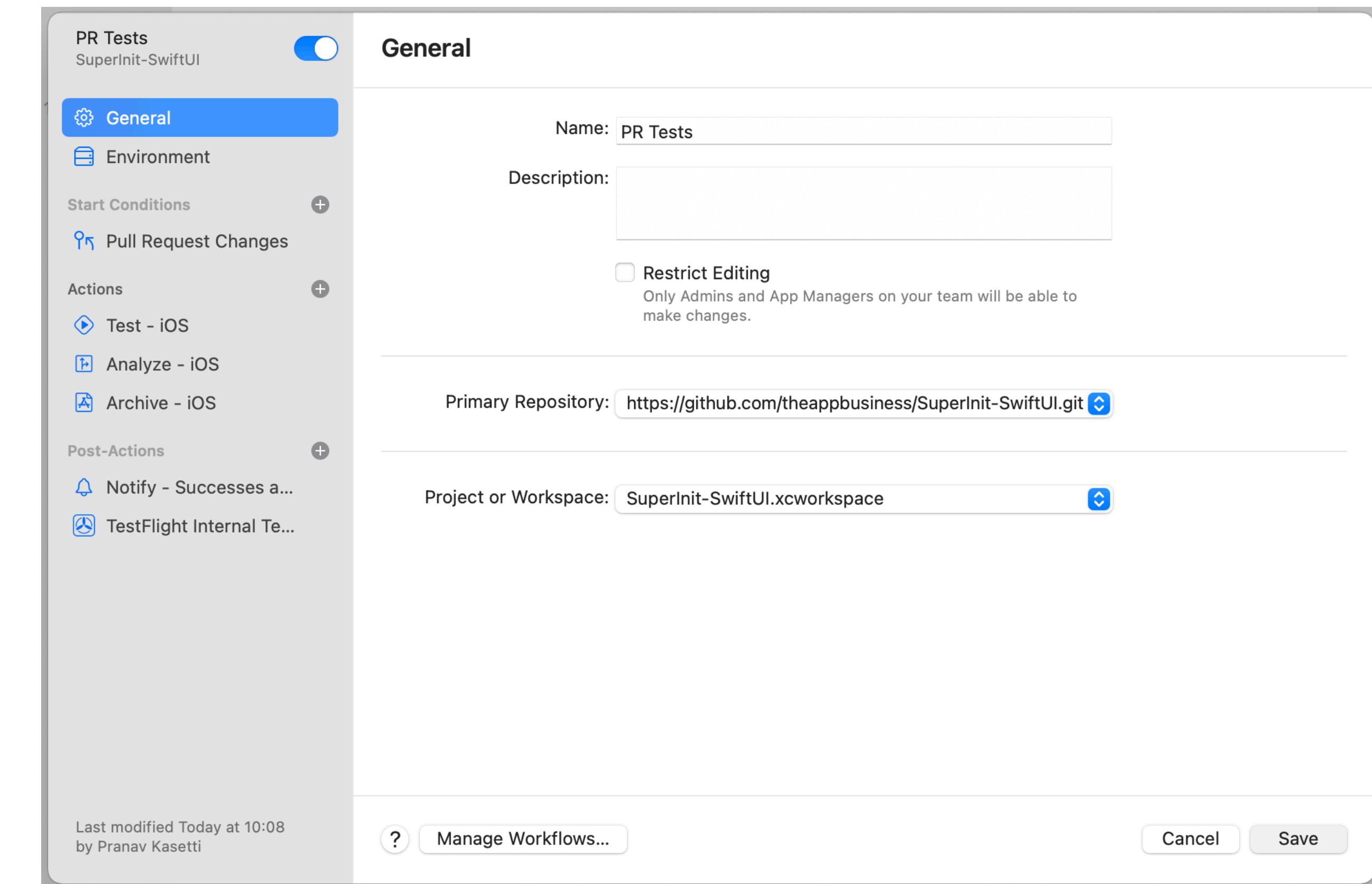


Let's explore some Recommended Workflows.



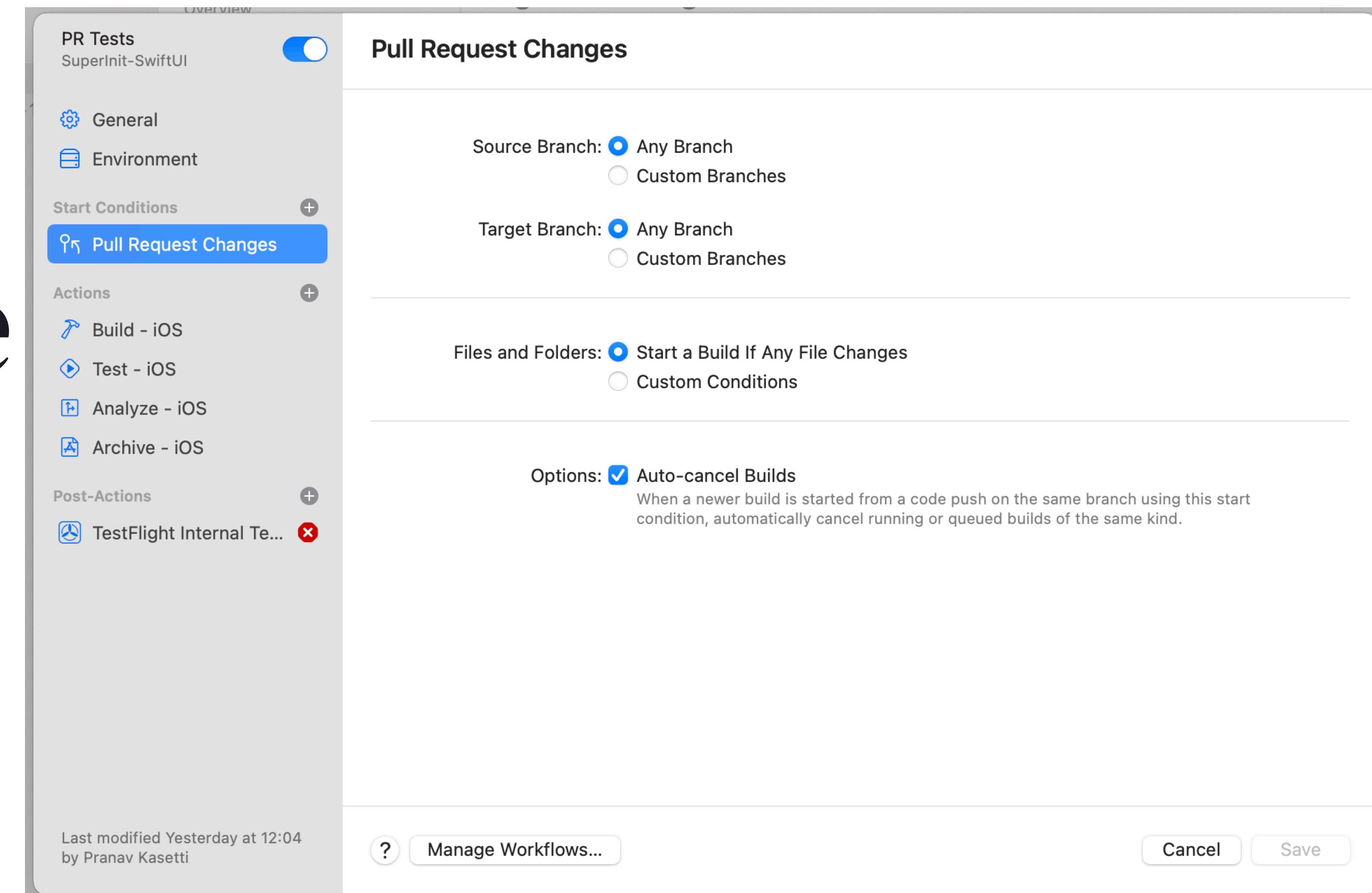
PR Workflow

tests and analyzes before internal distribution.



Workflow

Features include environments, start conditions and actions.



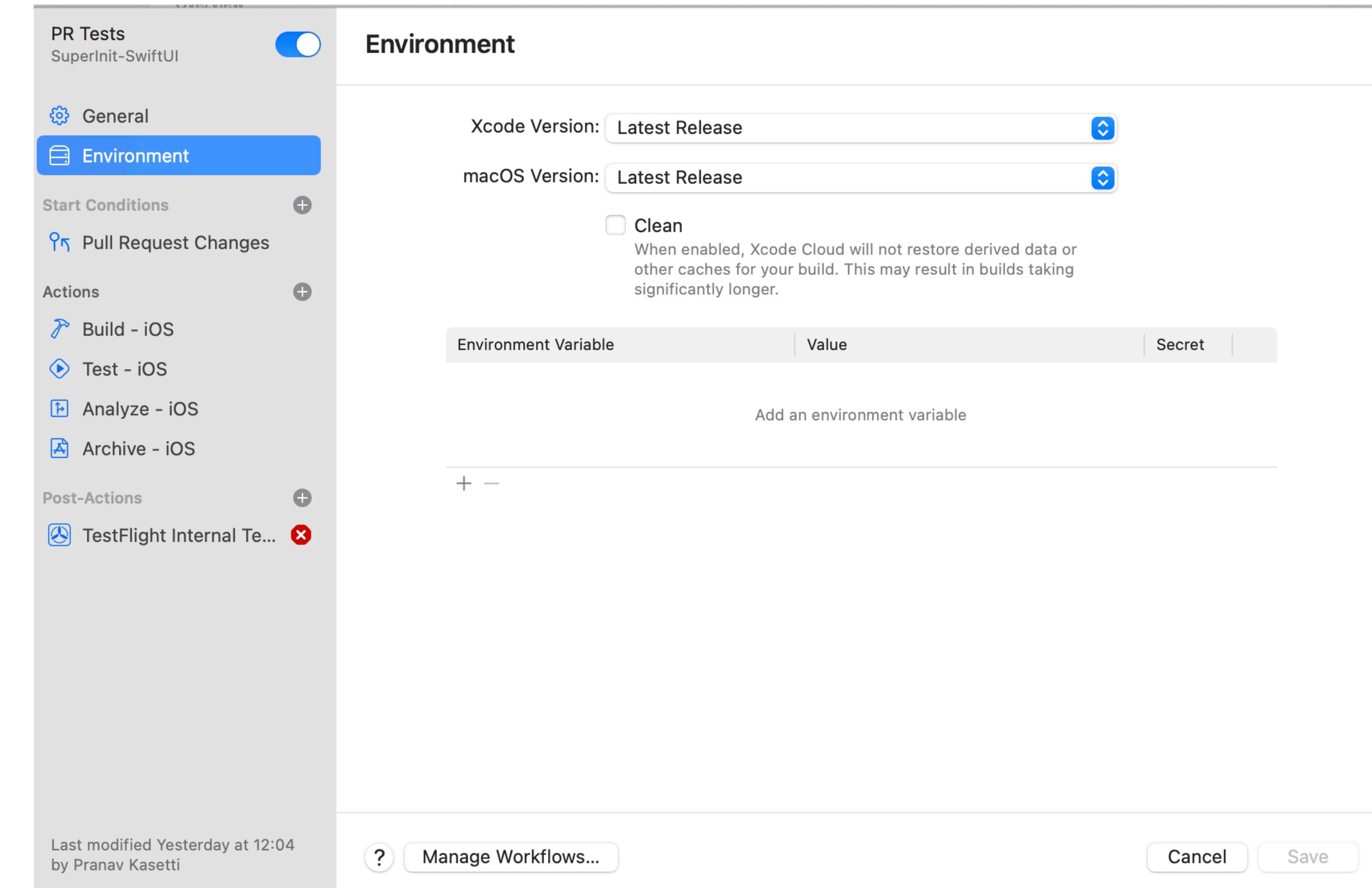
Environment

Config includes

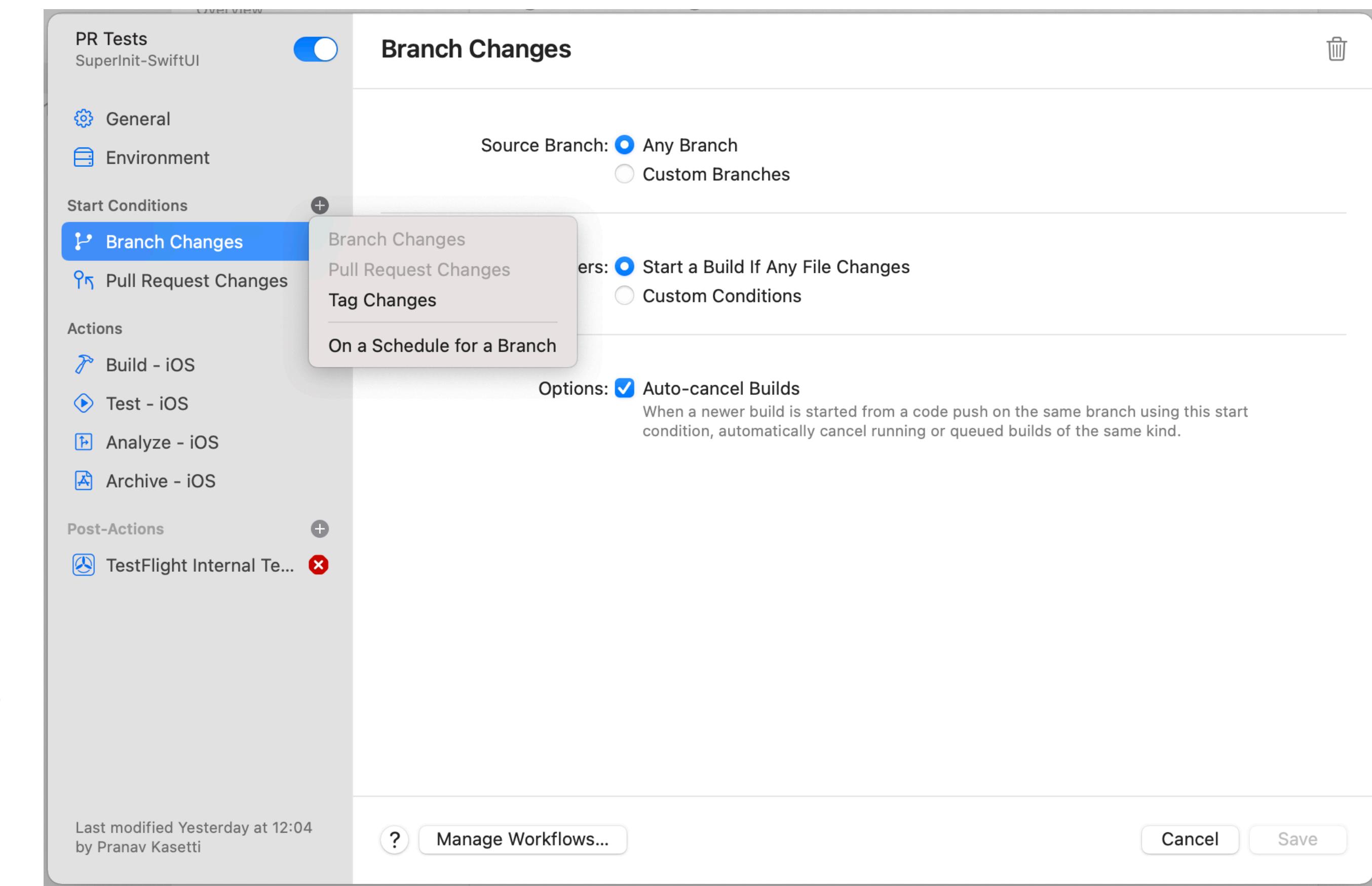
Xcode, macOS

versions, envvars

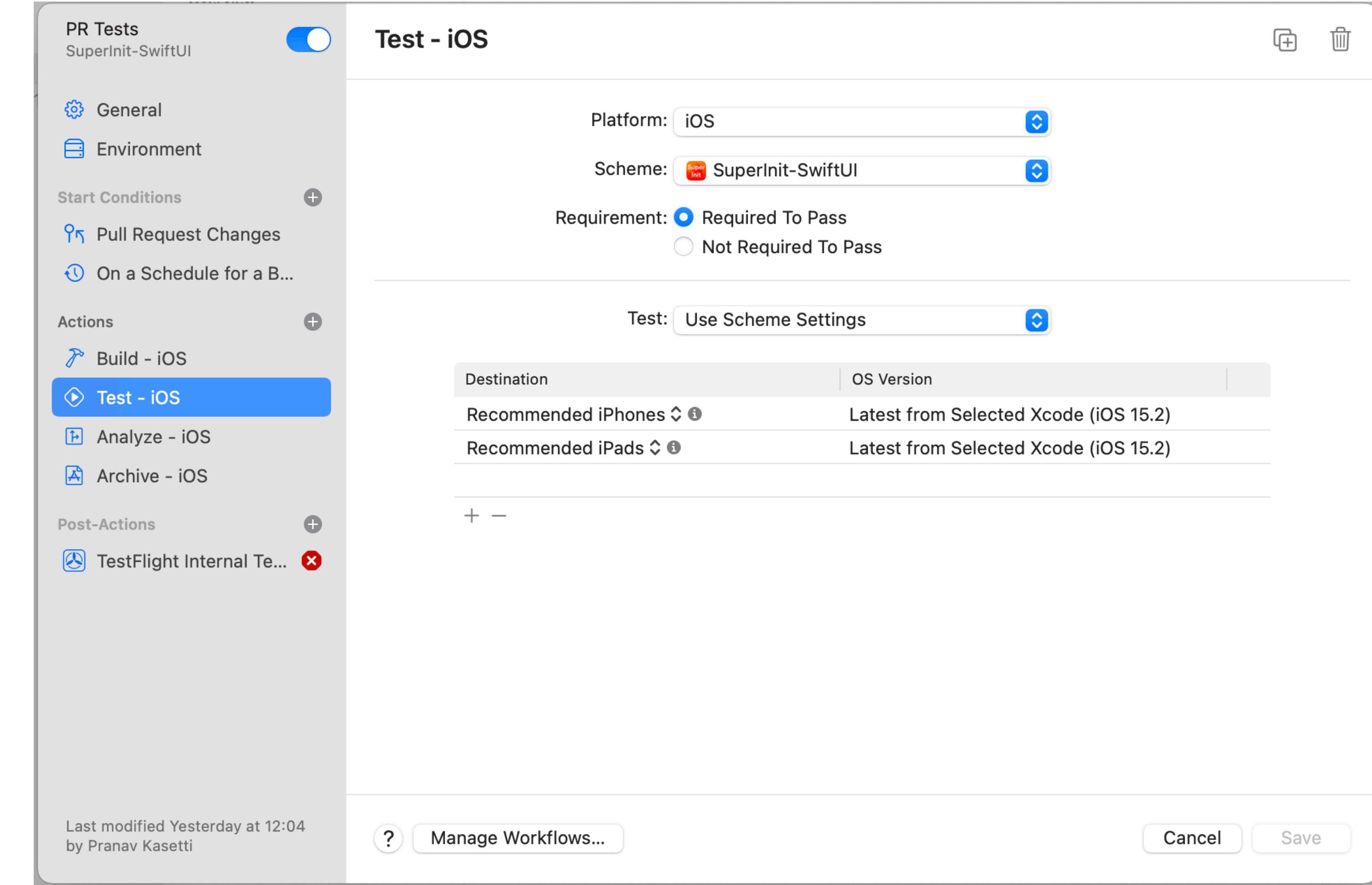
and clean builds.



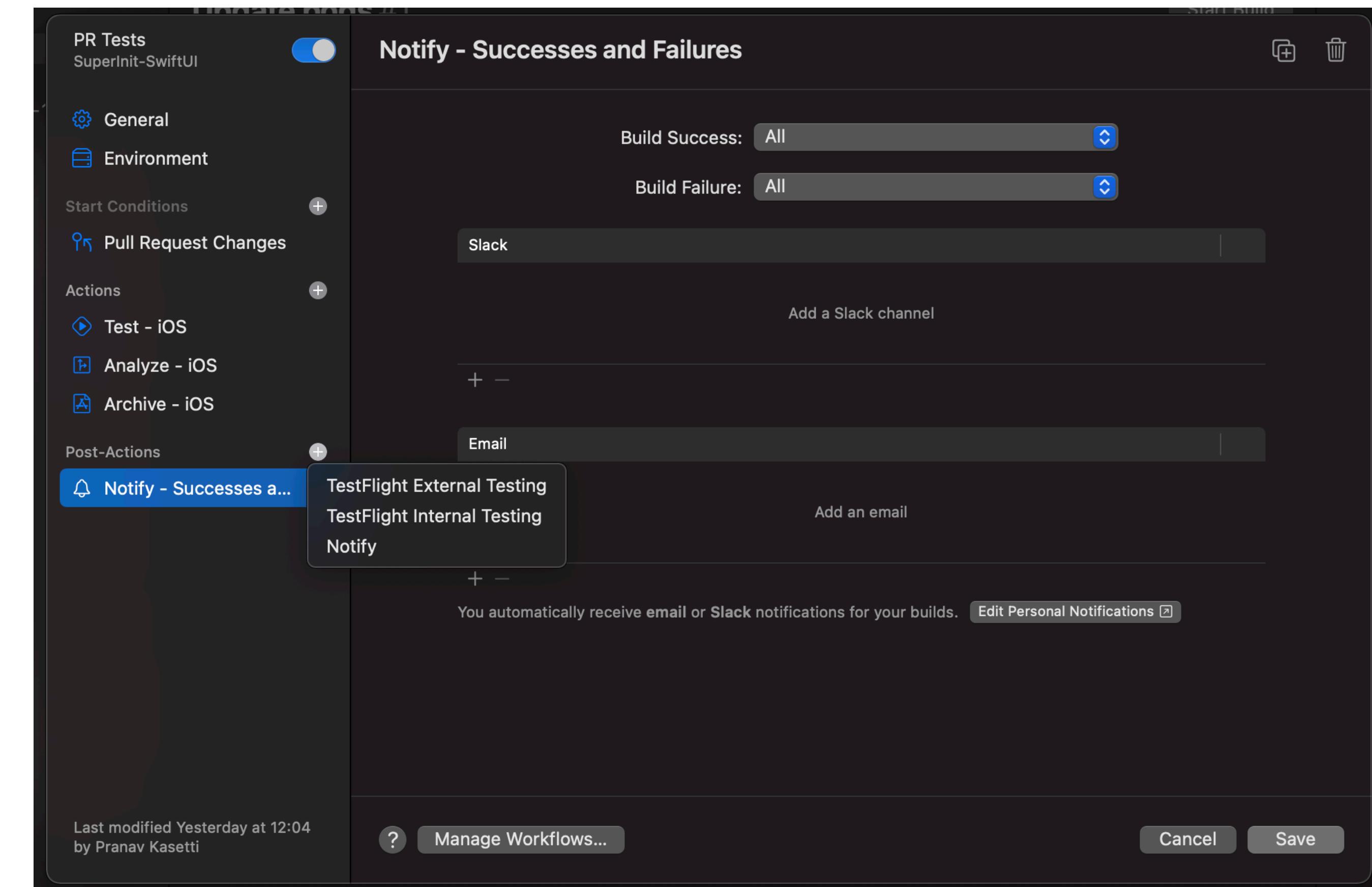
Start Conditions include PR or branch changes, branch schedules and Tag changes.



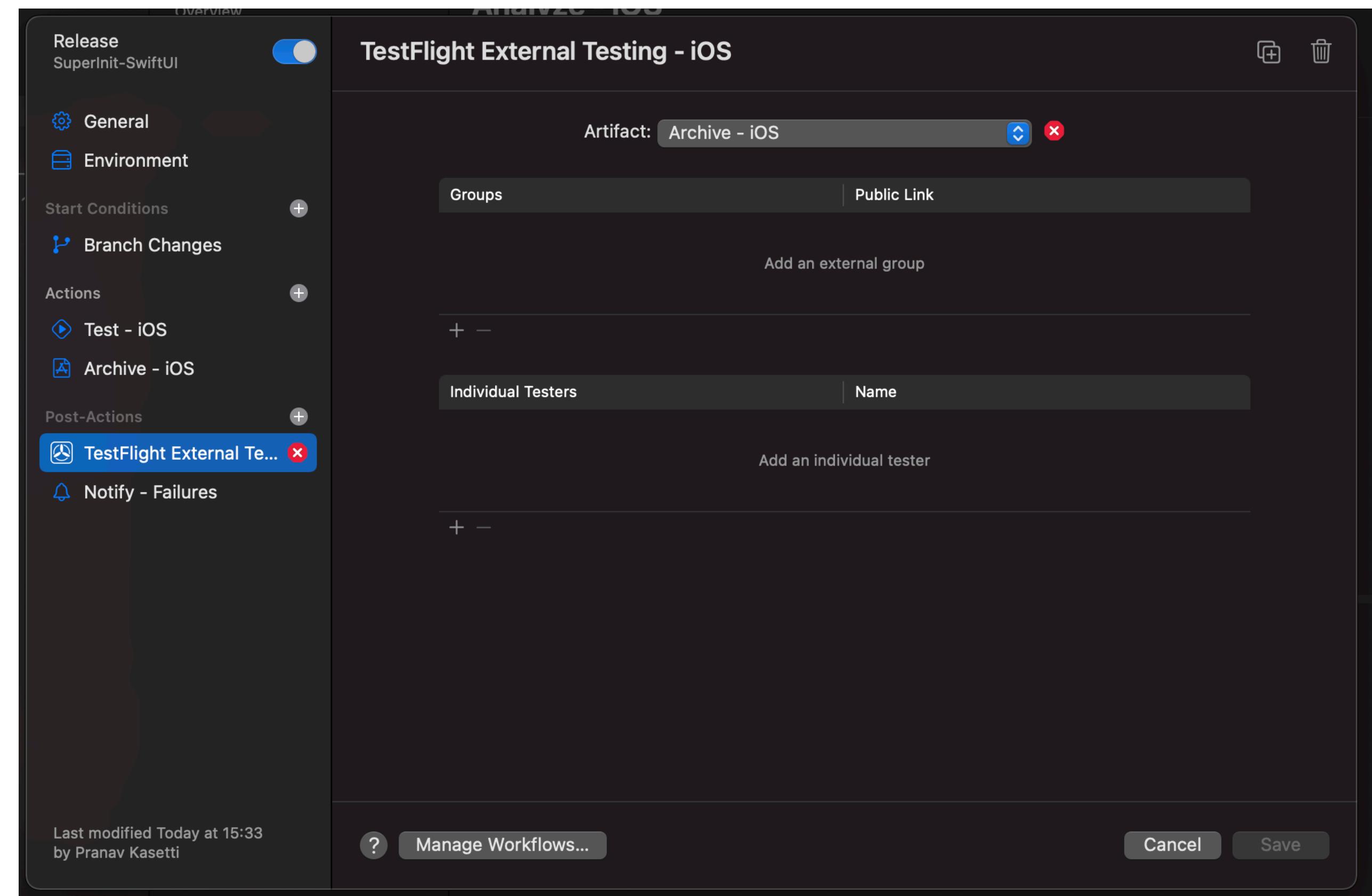
Actions can include Build, Test, Analyze or Archive steps.



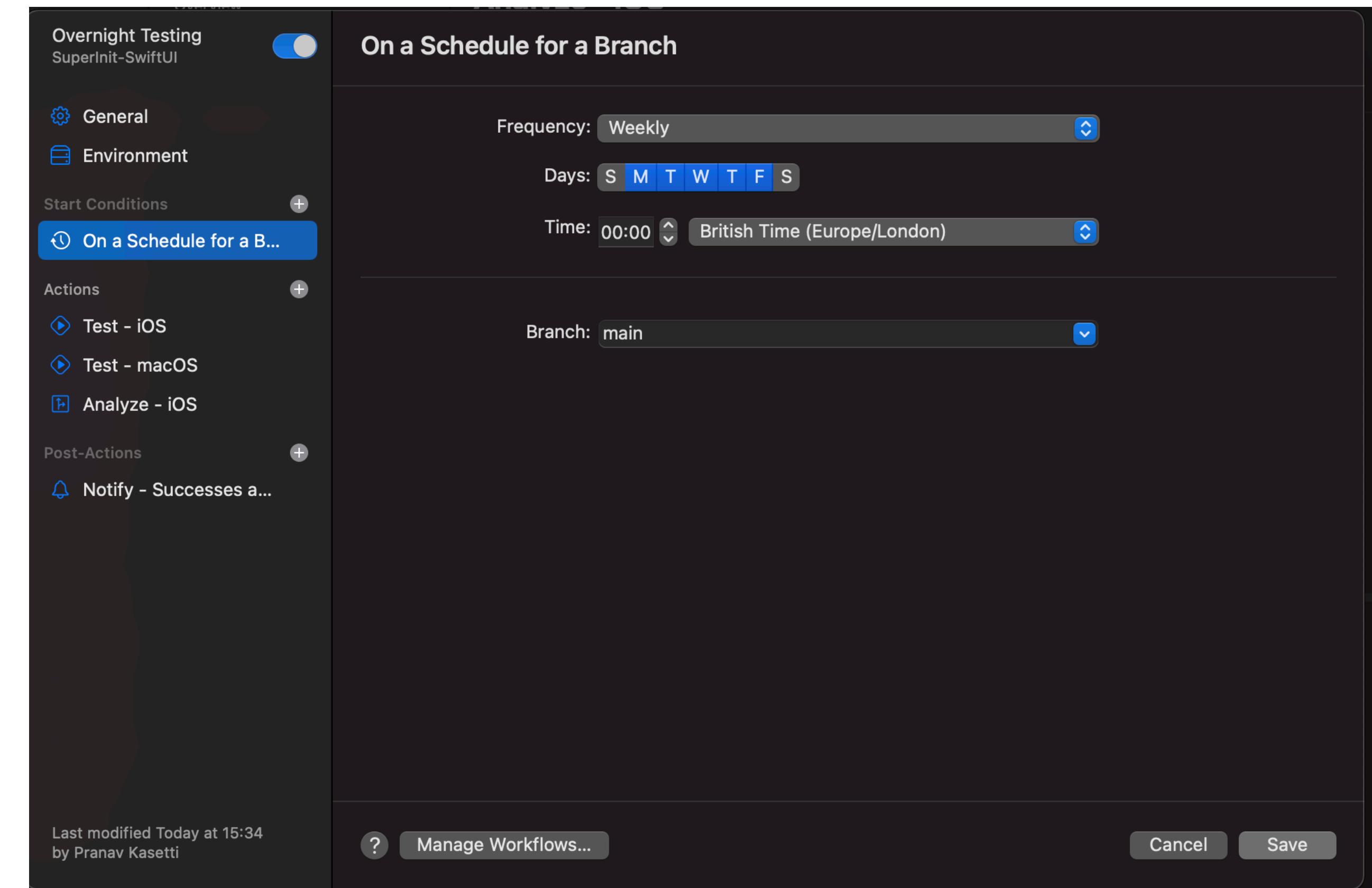
Post-Actions can be Slack, Email Notifications or deployment steps.



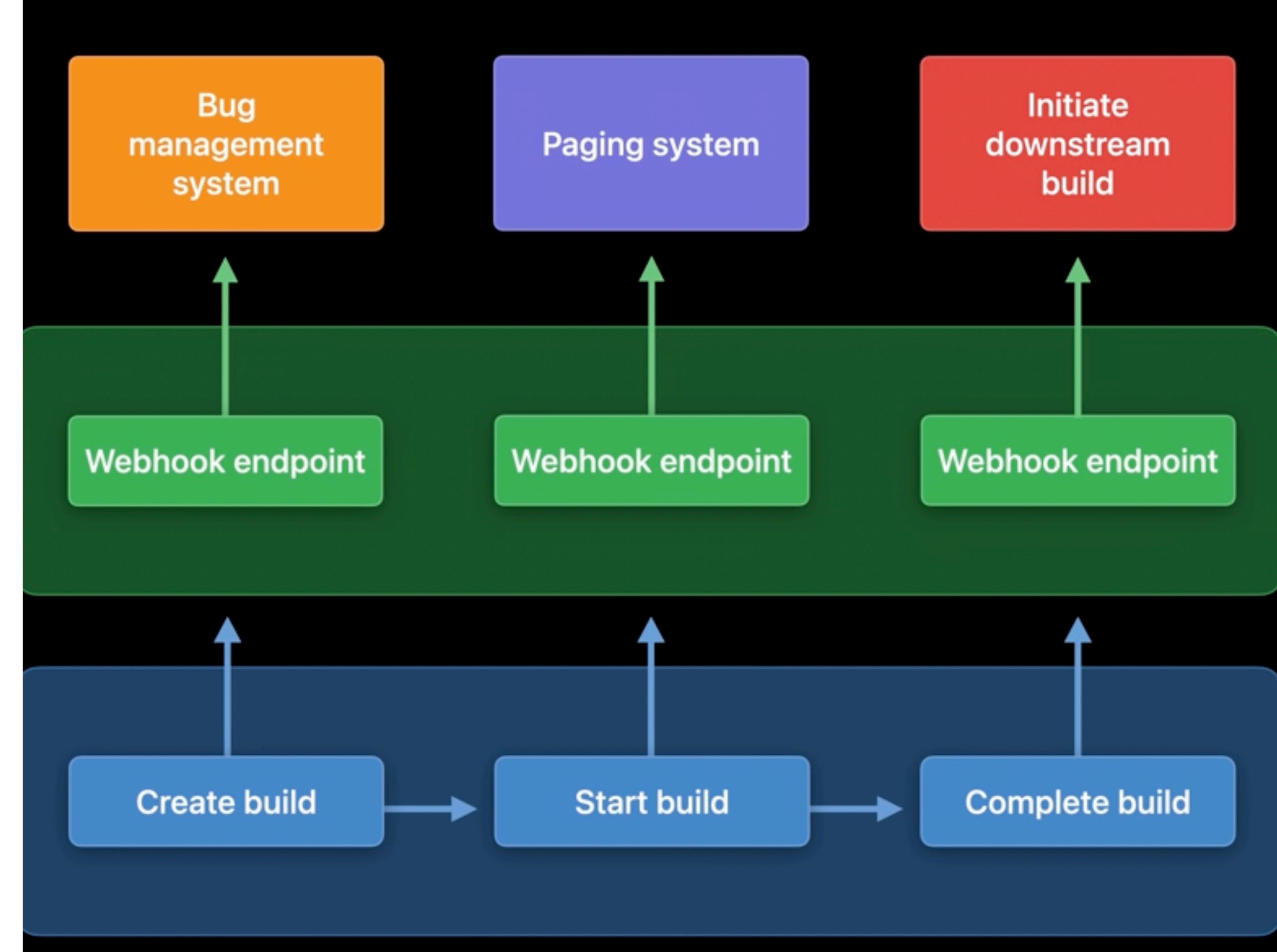
Release Workflow tests and externally distributes the app.



Overnight Scheduled Workflow tests the main branch thoroughly.



Should we use Xcode Cloud in Production?

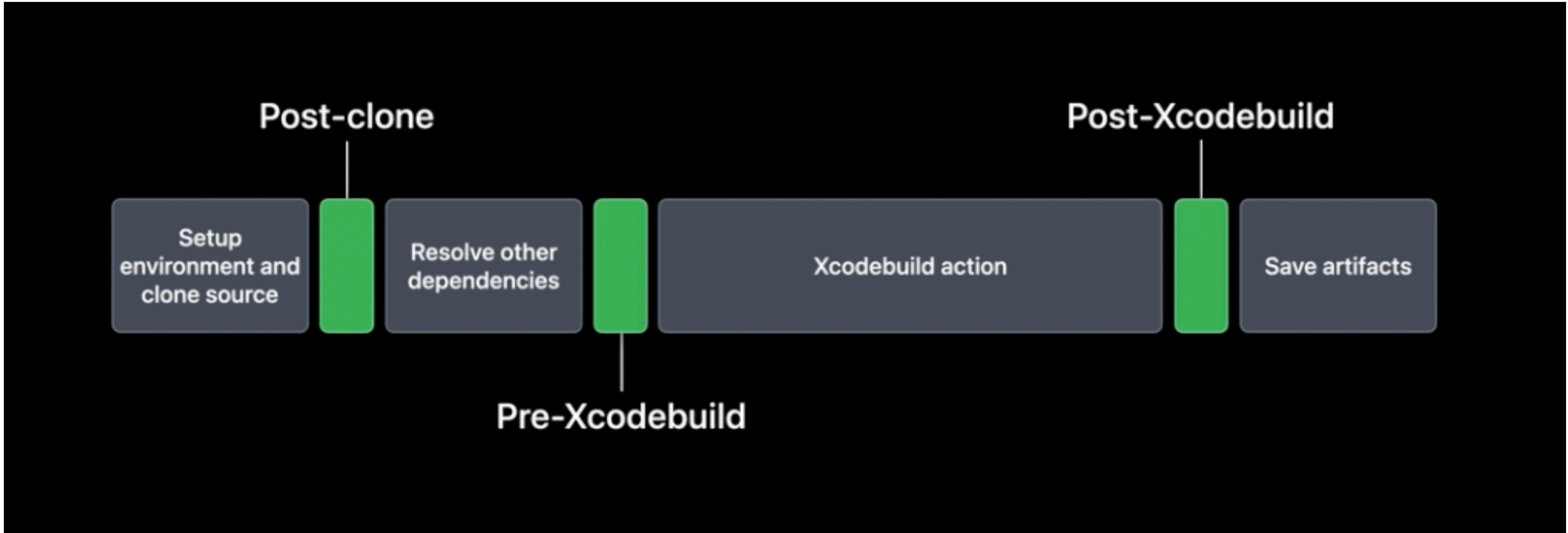


I would use it for
Greenfield
projects.



I wouldn't use it
for legacy or
Cocoapods
projects.





Workflow times
can take over 2
hours.





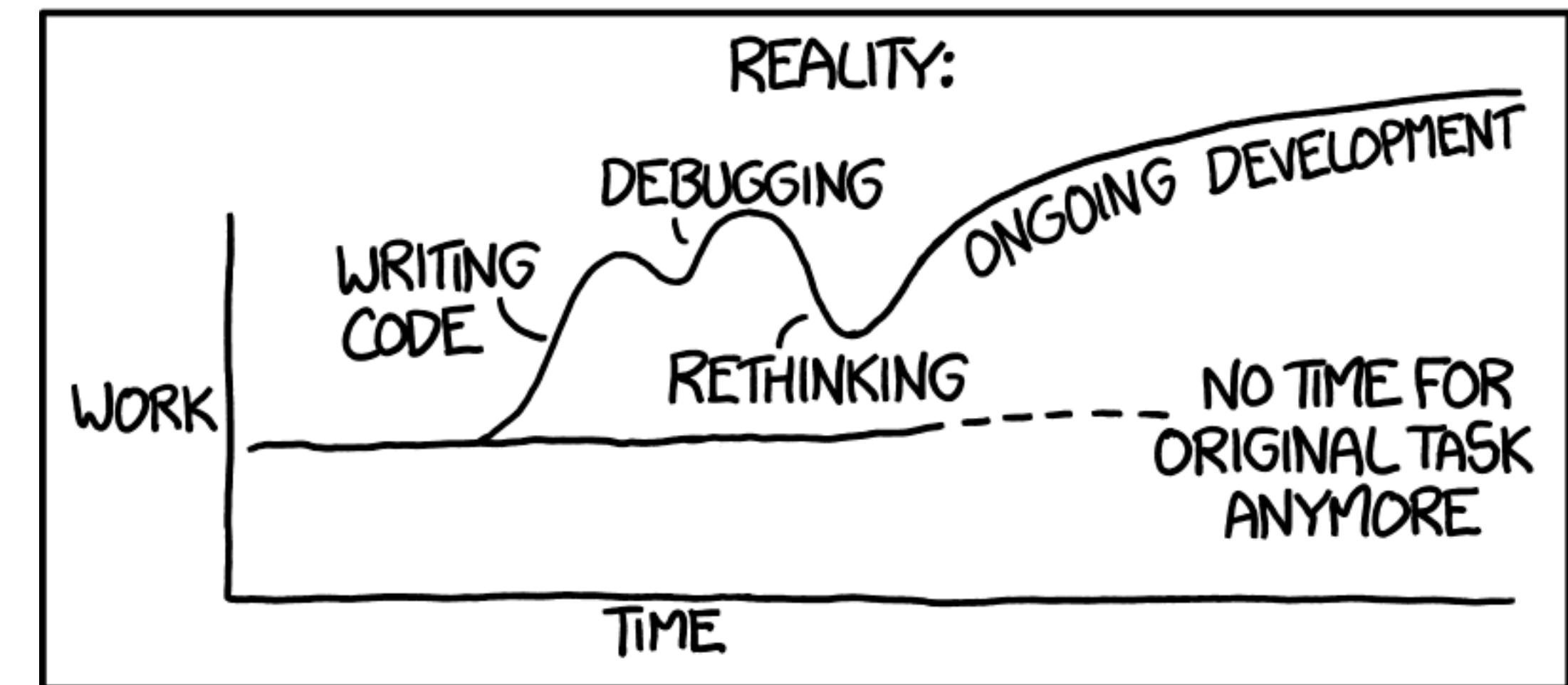
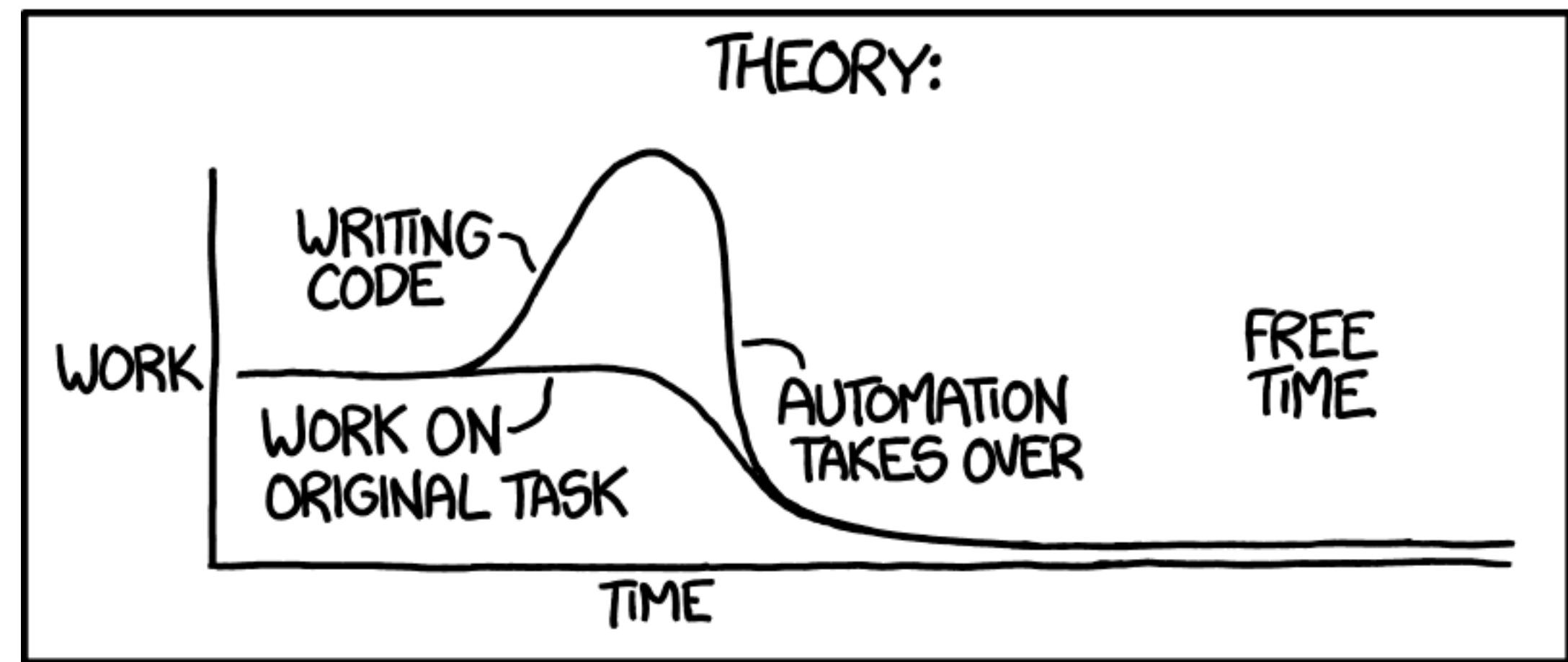
It will *probably* be
expensive.



Should we use it?

It depends.

"I SPEND A LOT OF TIME ON THIS TASK.
I SHOULD WRITE A PROGRAM AUTOMATING IT!"



**Thank You for
listening.**

**Ps. Look out for an Xcode
Cloud blog post soon!! 😊**



3 March: Arvind Ravi



17 March: Raynelle Alphonso

