

## **Week 2 Commit**

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### **Brainstorm about 3 things we can do by using wayscript in software production.**

#### **1. Visualized CI/CD pipeline**

We can use Wayscript to create visualized CI/CD pipelines for our projects. The stages in the pipeline may include (but not limited to): auto-release, auto-build, auto-deploy, auto-tests, etc. Most stages can be implemented by python scripts, APIs, and cloud. Auto-release stage can be implemented by using Github Trigger (triggered by Github push events).

Since WayScript will highlight running steps, we can also know our current stage in the pipeline.

We can also set up automatic notifications and regular releases in our pipelines. Use Wayscript to send Email/Text message/Slack message when a stage is finished/failed, and use time trigger to set regular releases.

#### **2. Scrum masters**

Wayscript can help scrum masters. We can auto-build/auto-update our scrum frameworks by Wayscript web pages, Excels, or Google Sheets APIs. Auto-notification is also possible by Wayscript (monitor and send Email/Text/Slack).

#### **3. Create logs**

We can use Wayscript to record logs in software production (for example, when we are running our programs, we can post information to Wayscript by web hook APIs), and store logs in Excels (our goal is to create something similar to AWS CloudWatch).

We can also use Wayscript logic to filter critical logs and automatically process them (for example, should there be an error, send Email/Text/Slack to relevant people).

Logs in software production will provide helpful information in our DevOps efforts.