Sprint 1 Report
Go Compiler
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Baiwen Huang (Product Owner), Kyle Remmert (Scrum Master),
Petar Zaninovich, Trevor Ching, Vincent Kim

Actions to Stop Doing:

As a team, we have decided to stop referencing from the simplelanguage repository. It is hindering us by preventing original thought. We need to think about our own ways to solve the problem, because Go is different than simplelanguage. Lateness to meetings should not be tolerated.

Actions to Start Doing:

As a team, we need to be better at maintaining our scrum board. We tell each other what tasks we are going to work on, but we need to be better about moving tasks on our story board. We also want to better plan how we will achieve our goals.

Actions to Keep Doing:

We plan to keep meeting up to work. It makes us more productive and allows us to bounce ideas around in a way that assists progress. We will keep learning about Truffle, as even though we have the basics down we still need to keep investigating and learning about the framework as it is complicated.

Work Completed/Not Completed:

(Completed) User Story 1: As a user, I would like to parse the Go AST nodes into the Truffle interpreter.
    Tasks:
- Parse Go ast
- Insert into Truffle ast correctly

(Completed) User Story 2: As a user, I would like my nodes to be optimized.
    Tasks:
- Create truffle nodes
- Inheritance
- Node factory
- Optimize/execute functions

(Completed) User Story 3: As a developer, I would like learn Truffle/Graal and know the technologies behind it.
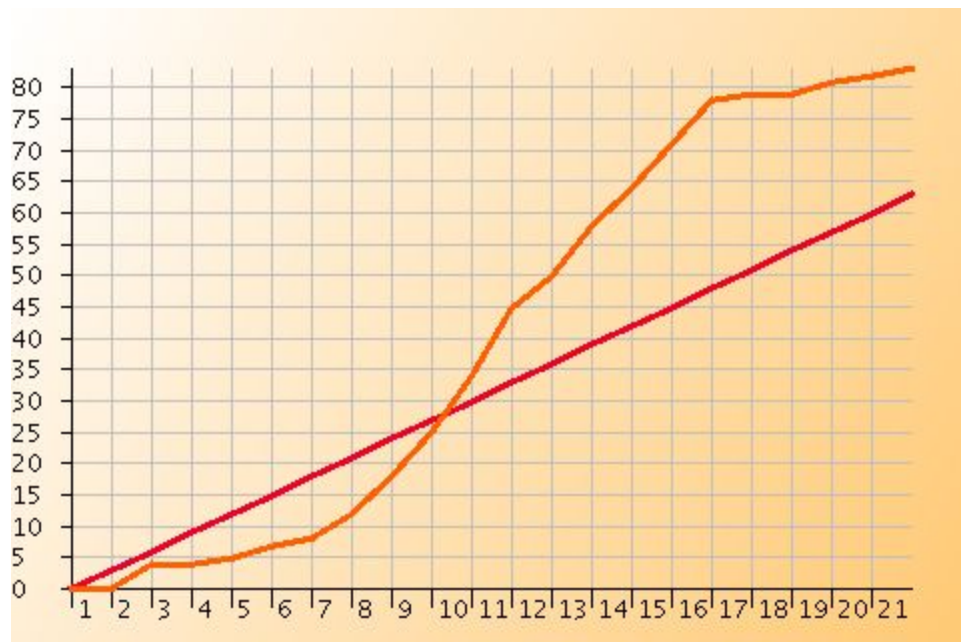
       Tasks:
- Read the AST and Partial Evaluation Papers
- Watch the One Vm to rule them all, One Vm to bind them
- Watch Stanford YouTube Compiler Series
- Read the blog post on Mumbler implementation in Truffle/Graal

The team managed to complete all of the user stories associated with this sprint.

Work Completion Rate:

Burnup Chart

       Y-axis: Hours   Red: initial

       X-axis: Days   Orange: actual