

Sprint 1 Plan

Go Compiler

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Goal

The main goal for Sprint 1 is to parse ast nodes successfully into Truffle.

Task listing, organized by user story

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

User Story 2: As a user, I would like my nodes to be optimized.

Tasks:

- Create truffle nodes
- Inheritance
- Node factory
- Optimize/execute functions

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

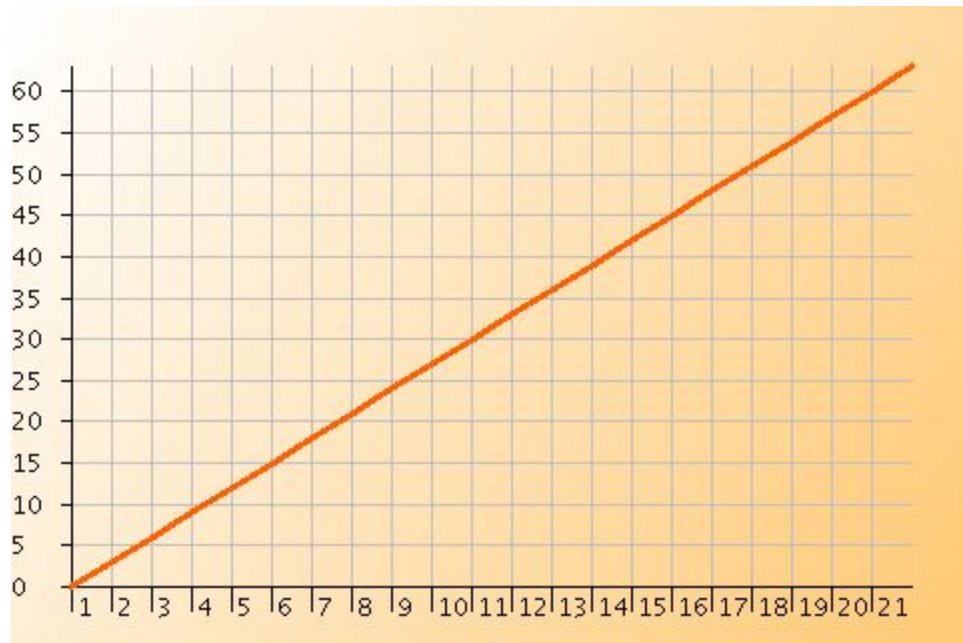
Team Roles

Baiwen Huang (Product Owner),
Kyle Remmert (Scrum Master),
Petar Zaninovich,
Trevor Ching,
Vincent Kim

Initial Task Assignment

Everyone: read up on Truffle

Initial Burnup Chart



Y-axis: Hours

X-axis: Days

Initial Scrum Board

Go Compiler Scrum Board on Github

Scrum Times

Monday/Wednesday/Friday 340A 12:00pm