

4TB3 Project Development Plan

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1 Project Description

1.1 Research Question

How does the compilation time of the P0 Compiler differ between a sequential implementation and a concurrent implementation using Goroutines in Golang?

1.2 Developmental Challenges

1.3 Test Plan

1.4 Documentation

2 Resources

2.1 Transcompilation

Python to Go transpiler from Google: <https://github.com/google/grumpy> Reference to the inception of the project: <https://groups.google.com/forum/#!topic/golang-nuts/tu75K5odt8U>

2.2 Development

2.3 Testing

2.4 Poster Research

3 Division of Labour

4 Weekly Schedule

Week	Deliverables
Week 1	Development Plan and Proposal Setting Development Environment
Week 2	Transcompilation and Beginning of Development
Week 3	Working Prototype
Week 4	Testing and Refinement of Prototype and Documentation
Week 5	Poster Presentation Creation
Week 6	Poster Presentation Creation