

Project Status Report

JPL Parallel SPICE Implementation

As of 11/16/2020

Project Status Summary

Percent Complete: 0%

	Scope	We have a good, team wide understanding of the scope and are on track working towards our end goal.
	Schedule	On Schedule.
	Quality	There have been no quality issues thus far.
	Issues	None

Work Planned For Last Week

- Mainly a continuation of tasks
 - Get a workerPool prototype working
 - Design useful benchmarks
 - Work on design document
- Implement preliminary design of grpc calls
- Work on project midterm presentation

Work Planned For This Week

- Continue implement preliminary design of grpc calls
- Continue working on project midterm presentation
- Benchmarking work

Open Issues

- None

Deliverables and Milestones

Milestone	Planned	Forecasted	Actual	Status
Understand SPICE in a Java Context	10/12/2020	10/19/2020	10/19/2020	100%
Develop a preliminary design for parallelizing SPICE functions in Java	10/12/2020	11/16/2020	-	40%
Understand the scope of the project	10/12/2020	10/19/2020	10/19/2020	100%
Deliverable	Planned	Forecasted	Actual	Status
Create a requirements document	10/19/2020	10/19/2020	10/19/2020	100%
Create a design document	10/19/2020	11/23/2020	-	25%
Develop a preliminary prototype of ParSPICE	11/02/2020	11/23/2020	-	05%

Open Change Requests

- None thus far

Key Performance Indicators

- **Schedule** - Project is on Schedule
 - Schedule Variance (SV): +/- 14 days