Beta Presentation
SmartSat™ Satellite App Store

The Capstone Experience
Team Lockheed Martin Space

Cody Lowen
Sirena Ly
Matthew Harper
Quinton Farrar
Mike Kilmurray
Kaleb Koebel

Department of Computer Science and Engineering
Michigan State University
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Project Overview

• To enhance the existing SmartSat App Store by adding performance metrics and dependency tracking features which will be displayed to users.
  ▪ To ensure an application is viable for a given satellite system our solution includes performance metrics for CPU and Memory usage
  ▪ Applications may have many dependencies which our solution will automatically track and deploy to satellite systems
System Architecture
Performance Metrics: Application Performance
Performance Metrics: Testbed Instance Metrics
Dependencies: Listed Dependencies
Dependencies: Select Dependency
Version

GpsNavigation/1.1

Dependencies Needed: Dependencies on Appstore

* LanguageSelection:
  * 8.1.1
  * 8.1.2
  * 2.1.0

Please select version of Dependency
What’s left to do?

• Bug fixes and refactoring of pre-spring 2022 code that is still non-functional
• Database backups for future semesters
• Create documentation to assist future semesters with the startup procedure
Questions?