MICHIGAN STATE UNIVERSITY

Beta Presentation Connected Vehicle Protocol Test Harness

The Capstone Experience

Team Ford

Alex Bergman
Ryan Bruns
Eric Coldwell
Weilong Li
Usman Majeed

Department of Computer Science and Engineering
Michigan State University

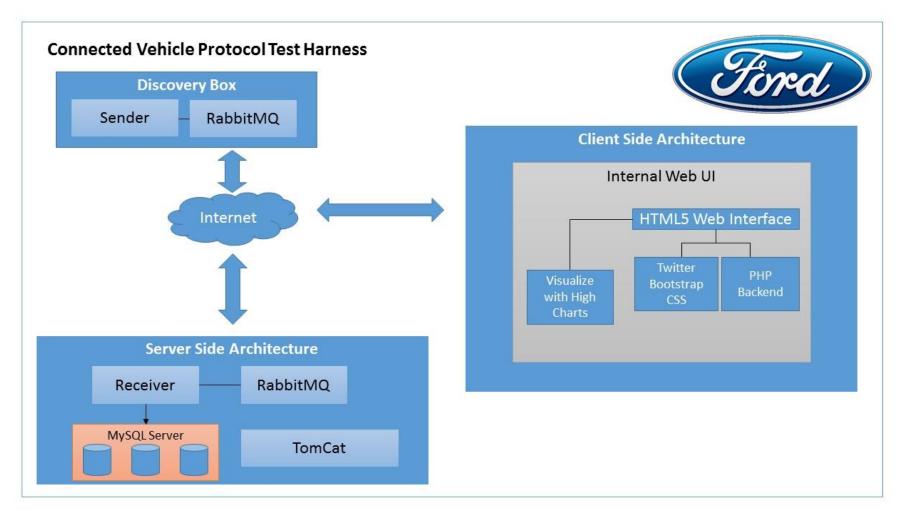
Fall 2015



Project Overview

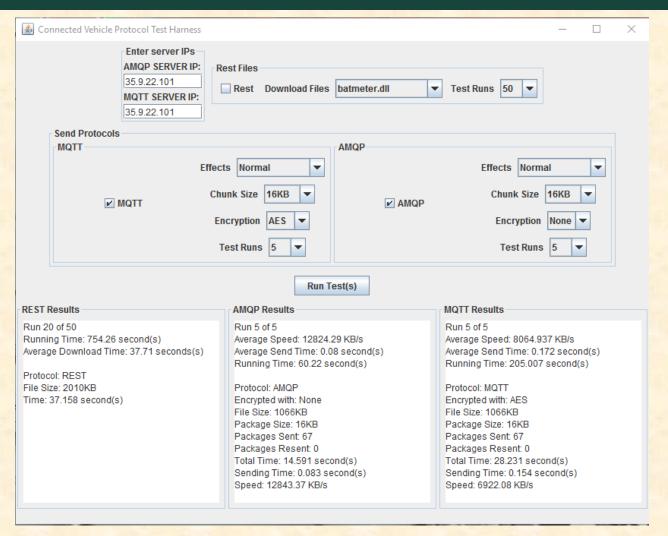
- Variety of Messaging Protocols
- Using the Discovery Box talk to a server
- Performance benchmark
- Test results viewed with a web interface
- Why is our project important?
 - Protocol Efficiency/Reliability
 - Protocol Ease of Use

System Architecture

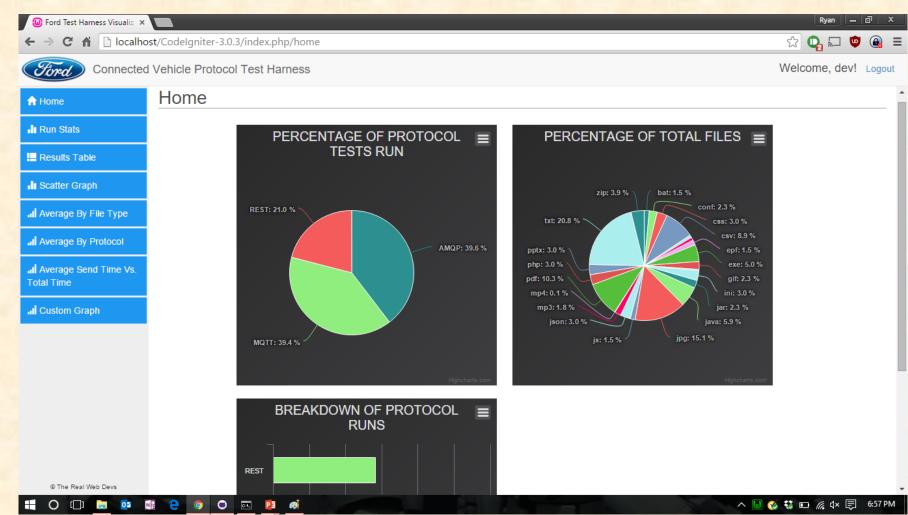




Discovery Box GUI

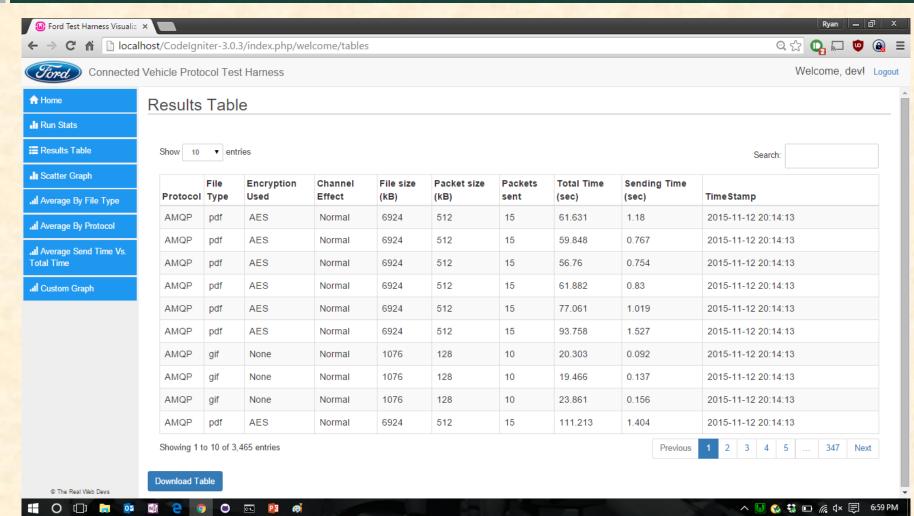


Home Page

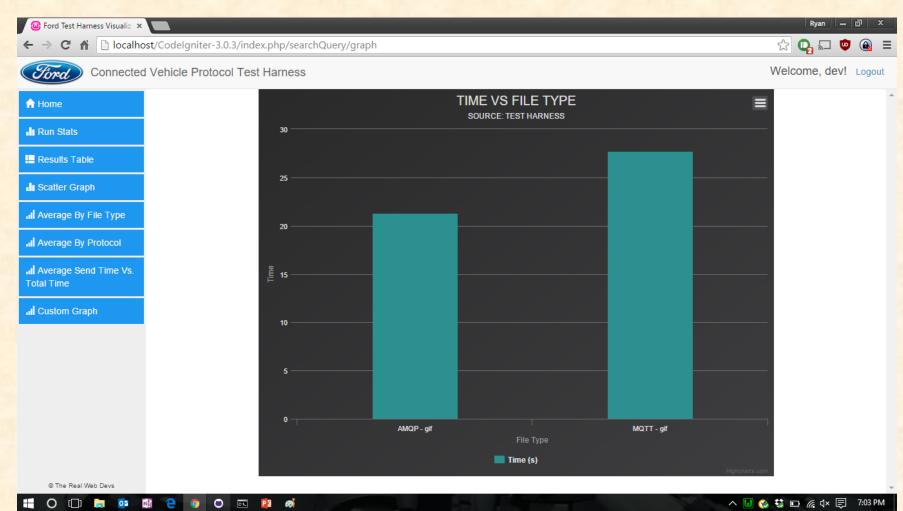




Results Table



Custom Graph





What's left to do?

- Code cleanup
- Final Ford Documentation
- Project Video
- Design Day