

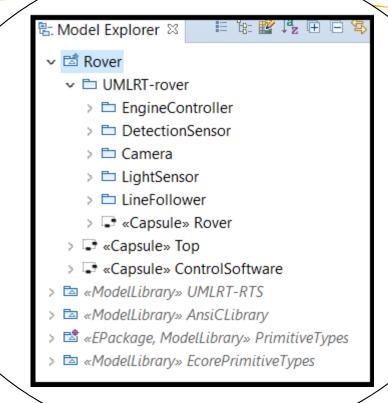
Customizing Papyrus-RT for Model-Driven Development of Rover Software

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The Problem ??





Problem Statement





How to change or verify the design configurations with ease ?



Motivation ← → Solution





 Embedding a specific configuration page with the loaded library

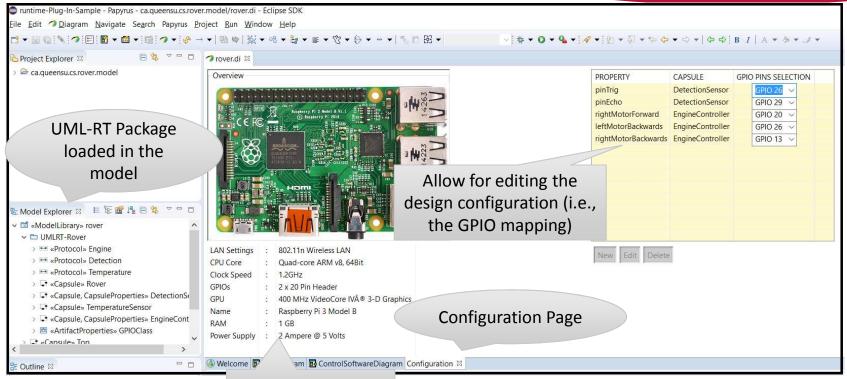
 Providing an unique user experience when designing the Rover Model



Montreal, Dec 2017 4

Six Months Ago ..





Platform Overview

Since Then ..

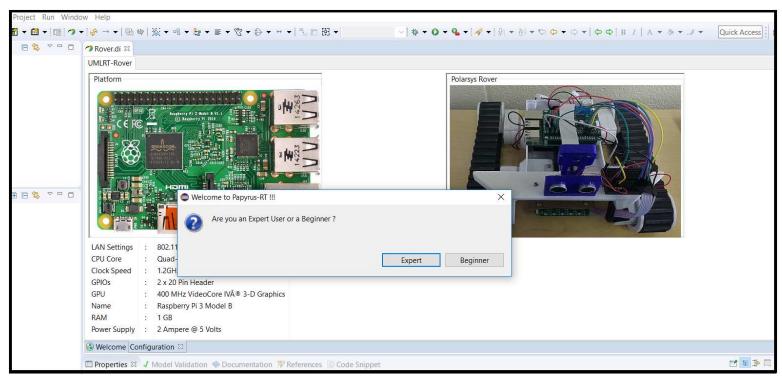


- Providing a base Rover template within Papyrus-RT
- Creating component specific configuration pages
- Dynamically creating & disposing new tabs within the configuration page depending on the loaded package

And Many More !!!

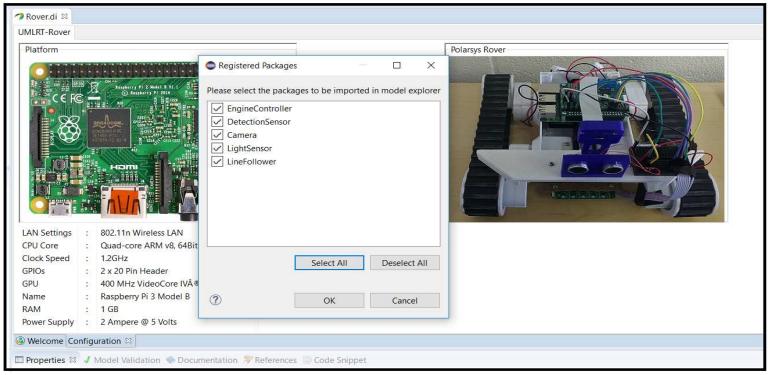
Current Implementation





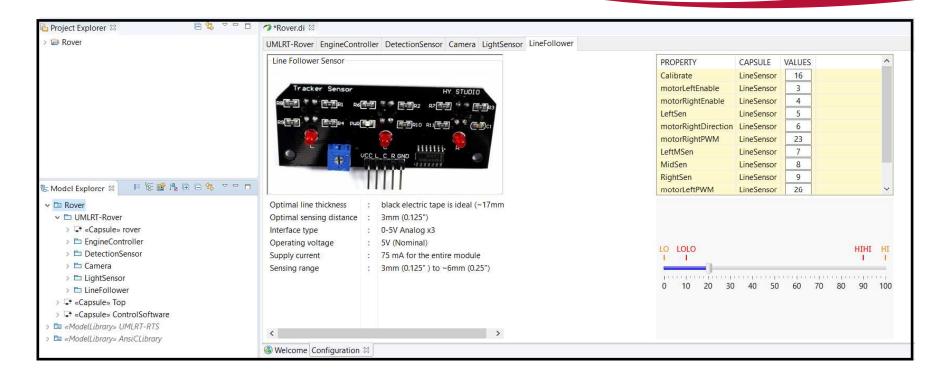
Current Implementation – Expert Mode





Current Implementation – Expert Mode





Current Implementation – Beginner Mode





Future Work



- Extending the concept of Configuration pages to more than run-time configurations, and to include some compile time customizations
- Detailed analysing of the Rover Case Study to define a feature models for the same



Thank You!!

