

MODEL-BASED DESIGN AND DEVELOPMENT OF CRUISE CONTROL

Overview

- Modelling the feature in IBM Rational Rhapsody
- Analyzing the feature for complete stakeholder requirements
- Modelling the functional system in IBM Rational Rhapsody
- Analyzing the feature for complete System Requirements
- Allocating functional hardware to the system design
- Developing the designed system in MATLAB Simulink
- Testing the feature model based on requirements
- Validating the feature using IPG CarMaker
- Deploying the feature in-vehicle



CruiseControl



IPG

Development Tools

Images are for illustration purposes only