Project Folder Overview

The project's folder structure is designed to manage local project development as well as continuously integrated system. This structure as well as the "pipeline_functions" can be reused in other projects.

Code: Holds model cache files and other important logs

   cache: model cache files are stored here

   codegen: generated code from model

   logsPath.mat: stores the logs folder path

   logs: contains logs for the reports generated in each stage

Data: Test case input data

Design: Simulink® models used to model lane change logic

   "ModelName": top-level folder named after model (repeated for each model)

   pipeline: phases of a development to be used locally or via remotely

   analyze: holds results for post simulation analysis

   verify: *contains reports of Model Advisor and Simulink® Design Verifier™*

   build: *contains the model Build Report*

   package: *contains the generated Summary Report*

   testing: *contains Test results Report*

   build: contains build script for "ModelName"

   test: contains test script for "ModelName"

   collection: collection of tests called by test script

   verify: contains model advisor and design verifier scripts for "ModelName"

   specification: model file is contained here

Requirements: Requirements for the Cruise Control Model system

tools: Scripts used to setup models, tests, and visualizations
    help: files to help with project structure and any other function within
    utilities: all functions that help to set up project and run pipeline steps
        config_data: project specific data for configuring models and tests
        design_functions: project specific scripts/functions for configuring and analyzing models
        pipeline_functions: wrapper functions called from pipeline steps within Design folder
        setup: project specific management functions (e.g. start-up and shutdown)
        user_scripts: project specific scripts/functions to assist manual operations within the project