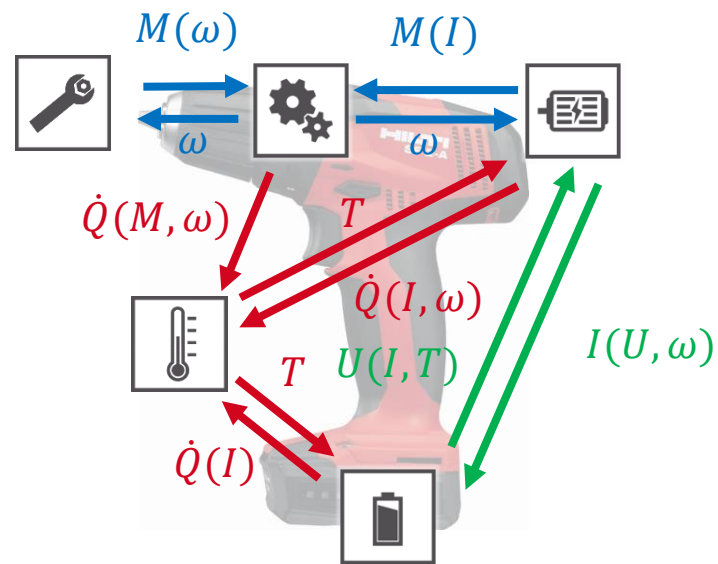
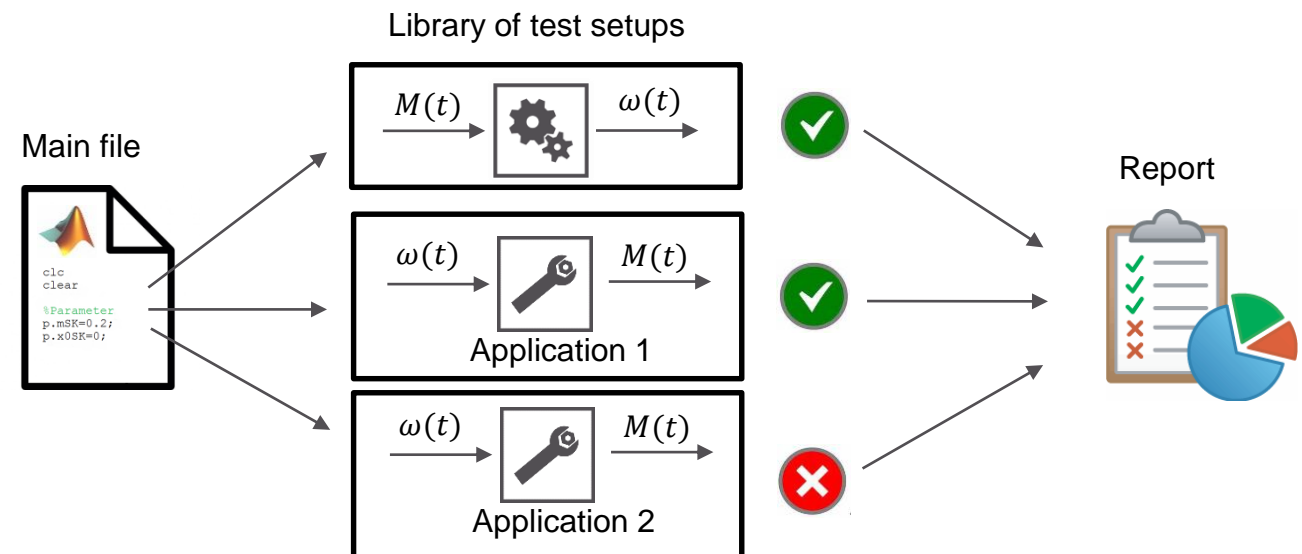


AUTOMATIC MODEL TESTING IN MATLAB/SIMULINK FOR MULTIBODY AND SYSTEM SIMULATION TASKS

- We develop a library of reusable components in Simulink (e.g. masses, spring-damper, motor model) for investigating dynamics interactions between operation load, drivetrain, and control
- Your task would be:
 - Develop test setups for validation of all features of component models
 - Implement a script which runs all test setups and creates a report



Top-level view of a Hilti tool



Task: Create scripts for automatic execution of multiple model tests