

Videos

The videos in this repository show four test scenarios among the ones detected by our approach. For each test scenario tc , we provide two video simulations generated by PreScan:

(1) the first video simulation (denoted by ScenarioALL) shows the scenario where one of the safety requirements is violated by tc .

(2) the second video simulation (denoted by ScenarioFeatureAlone) shows the results of tc when executed only against the feature related to the violated requirement.

The PDF file

The file "Explanation.pdf" contains a description of each scenario and the difference between the two video simulations (All vs. FeatureAlone).

Excel files

The two excel files "*SafeDrive1 (number of feature interaction failures).xlsx*" and "*SafeDrive2 (number of feature interaction failures).xlsx*" contain the number of feature interaction failures identified over different runs by FITEST with Hybrid , Fail and Cov test objectives. We provide the results of 20 runs over time (at every one-hour interval from 0 to 12h).