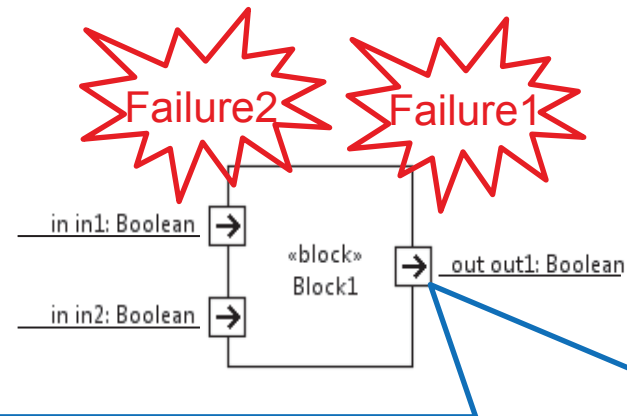


2) How to express dysfunctional behaviour?

APPROACHES TO EXPRESS FAILURE BEHAVIOR

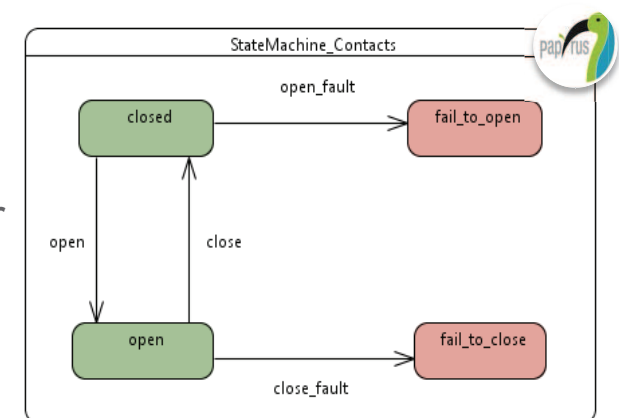
ANALYTICAL EXPRESSIONS

- ✓ Fast annotation
- ✓ Easy to analyse



STATE MACHINES

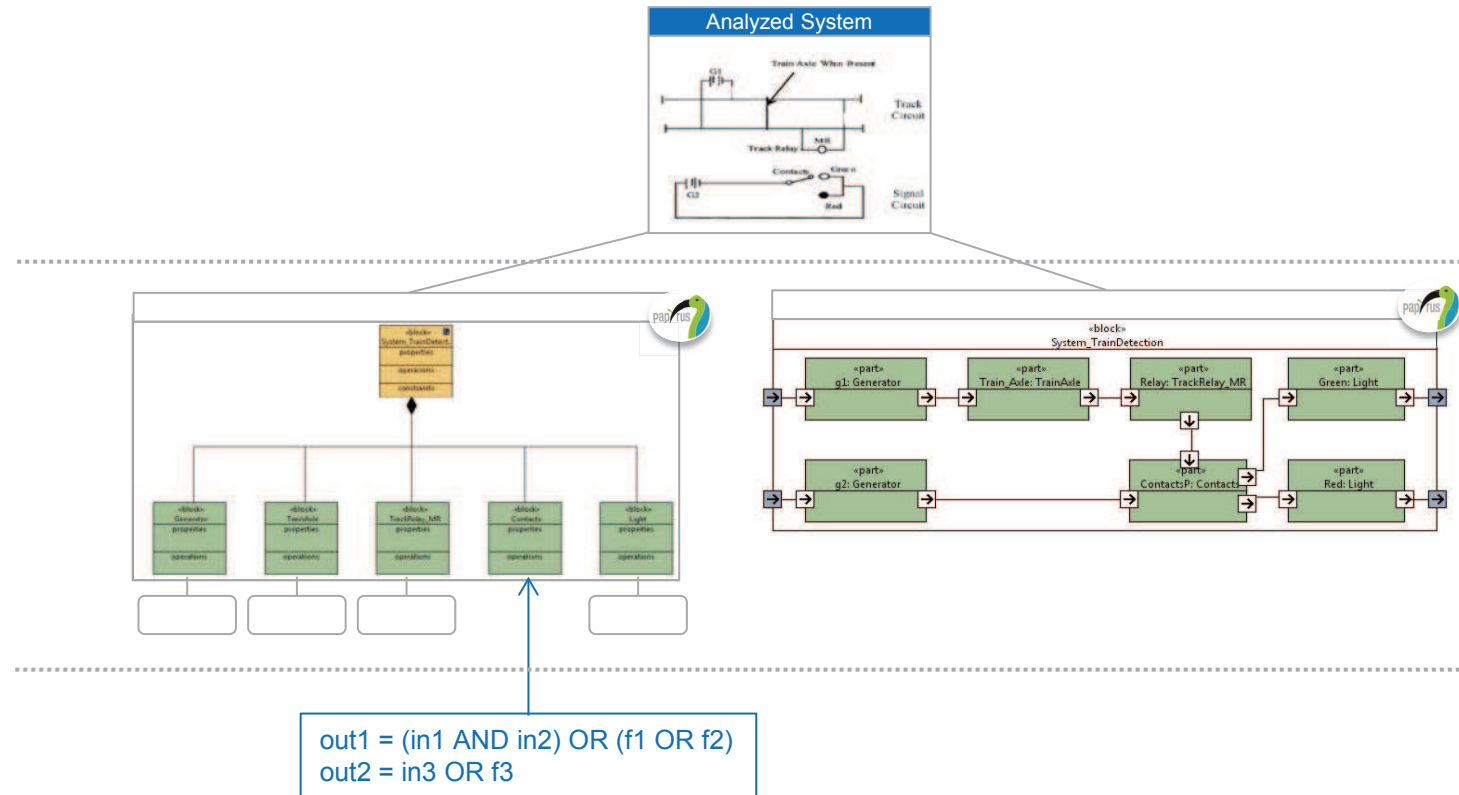
- ✓ Separate functional and dysfunctional behavior
- ✓ Conform to formal languages: AltaRica, etc.



ANALYTICAL EXPRESSIONS

Modeling

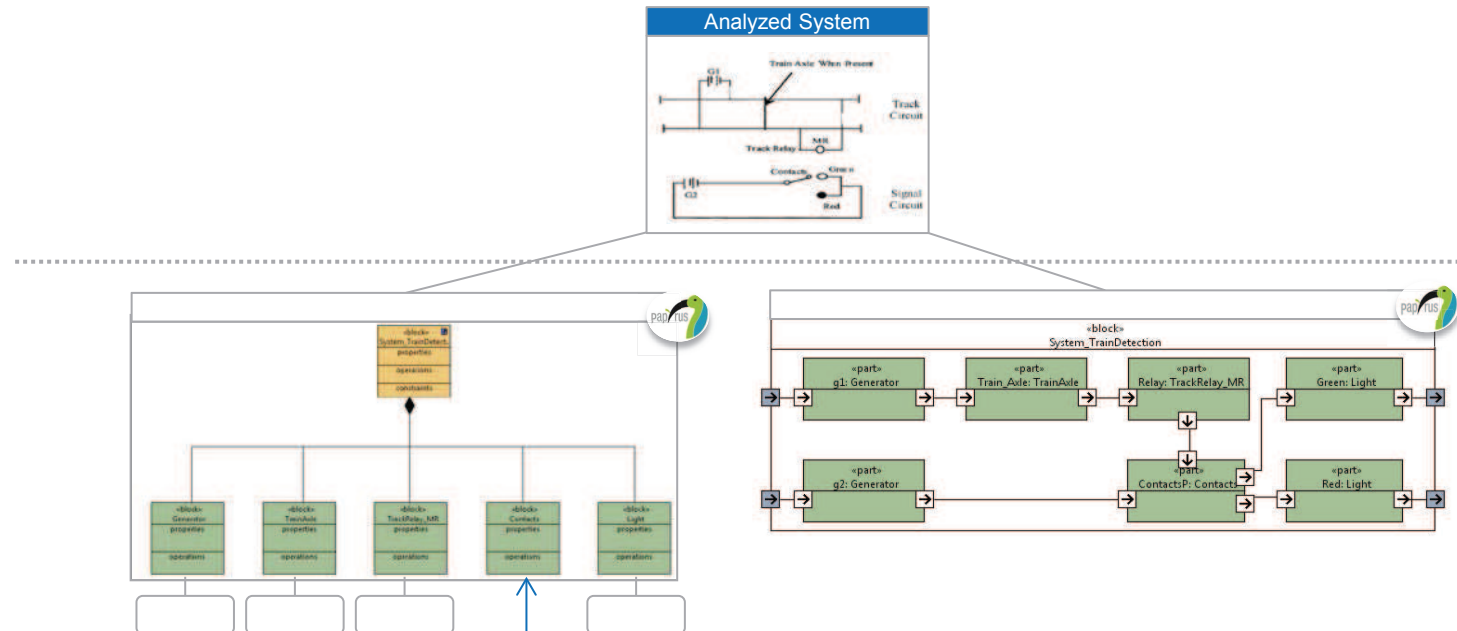
Safety Analysis



For the compatibility of dysfunctional behavior on different levels only Blocks of the finest hierarchical level have an associated set of analytical expressions through dedicated profile

STATE MACHINES

Modeling



Safety Analysis

Blocks of the finest hierarchical level have an associated State Machine

