SafeCer - http://www.safecer.eu
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SafeCer ARTEMIS PROJECT

Safety Certification of Software-Intensive Systems with Reusable Components
Verification and Certification in SafeCer

- Providing process and technology for qualification of Certification.
- Main Domains: automotive, construction equipment, avionics, and railway. Other domains also considered, like medical.
  - Contract-based design and FTA (Fault Tree Analysis) (Cross domains)
  - Contracts and testing in AUTOSAR standard (automotive).
  - Monitoring and testing with ARTiMon tool-verification of temp-logic properties over flow of events.
  - Mutation-Based Test Case Generation.
  - Parametric static WCET analysis (Worst Case Execution Time).

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