

# TOCSYC

## Testing of Critical System Characteristics

TOCSYC is a Swedish distributed research environment dedicated to furthering the knowledge in testing of complex embedded systems. The overall goal of TOCSYC is to enable and support cost-effective testing for critical characteristics in embedded systems by providing new and improved tools and techniques for efficient and effective testing as well as the decision-support procedures necessary to select the right testing tools or techniques for the job.

TOCSYC aims to advance research in software testing by developing and combining techniques for model-, search- and mutation-based testing to target performance efficiency and robustness aspects. Static analysis techniques will be developed to support testing by e.g., model-extraction. Testability issues will be targeted to further support testing of performance efficiency and robustness.

### TOCSYC Partners

- Mälardalen University
- University of Skövde
- Blekinge Institute of Technology
- RISE ICT/SICS Västerås



tocsyc.se

Funded by the Swedish Knowledge Foundation (KKS)

KK-stiftelsen

