TTCN-3 Control Interfaces

Ina Schieferdecker
FOKUS, Berlin

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Motivation

- Standardized adaptation for management, component handling and communication, external data representation with encoding/decoding and logging for local and distributed test setups
- Well-defined interfaces as a set of operations independent of the target, i.e. SUT, processing platform, implementation language, etc.
- Code from any compiler supporting/using this interface can be executed on any test platform/test device, which supports/uses this interface

➢ TCI completes the execution interfaces for TTCN-3

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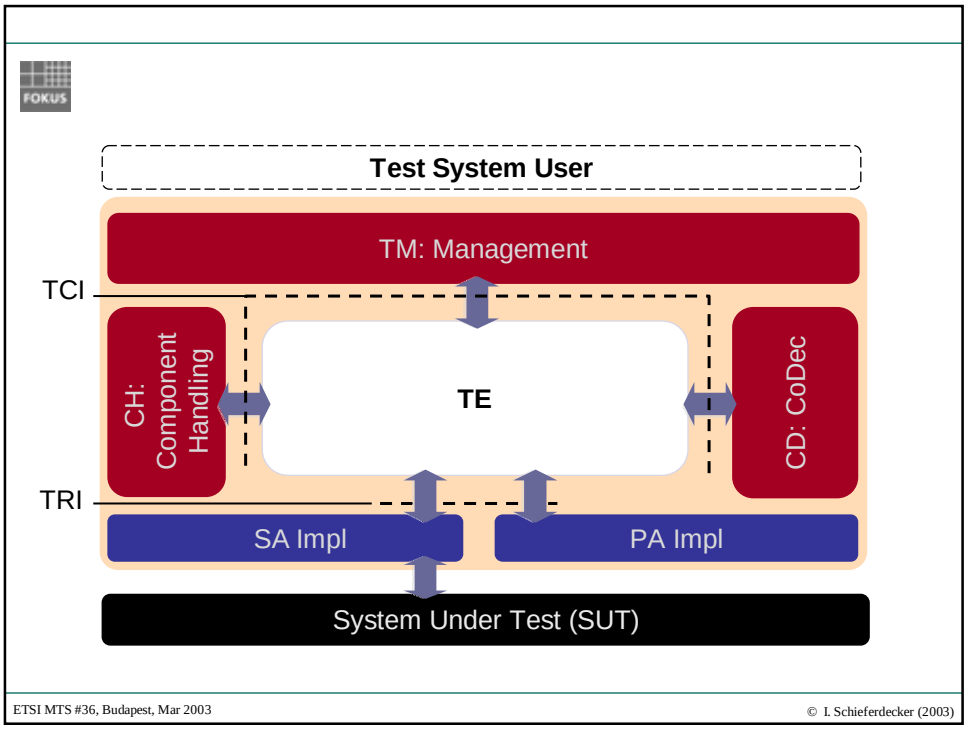

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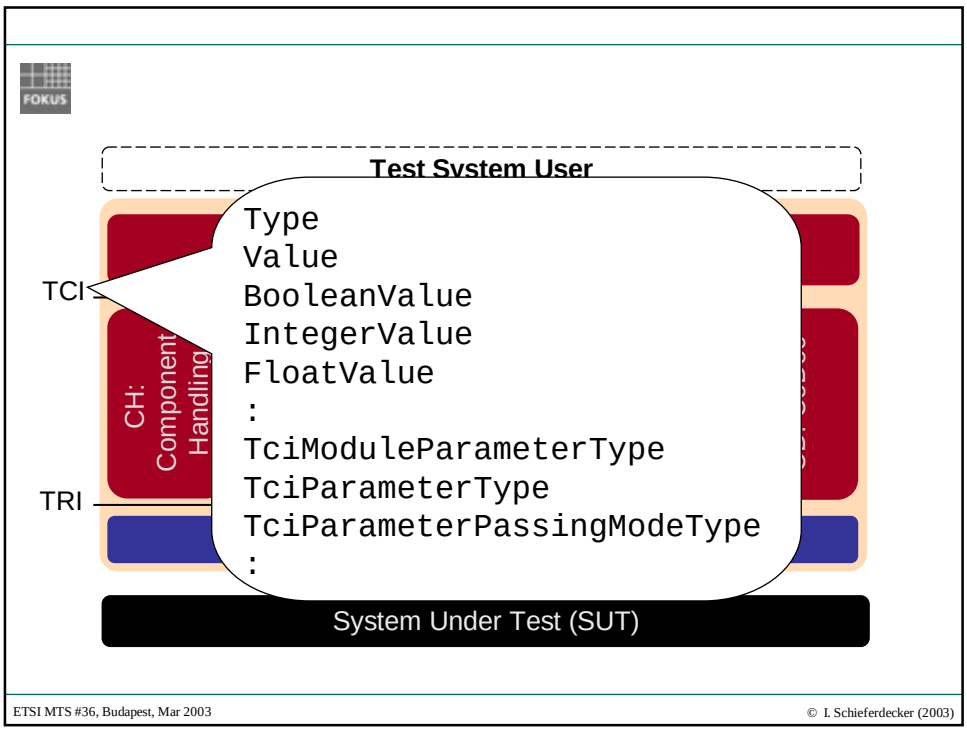

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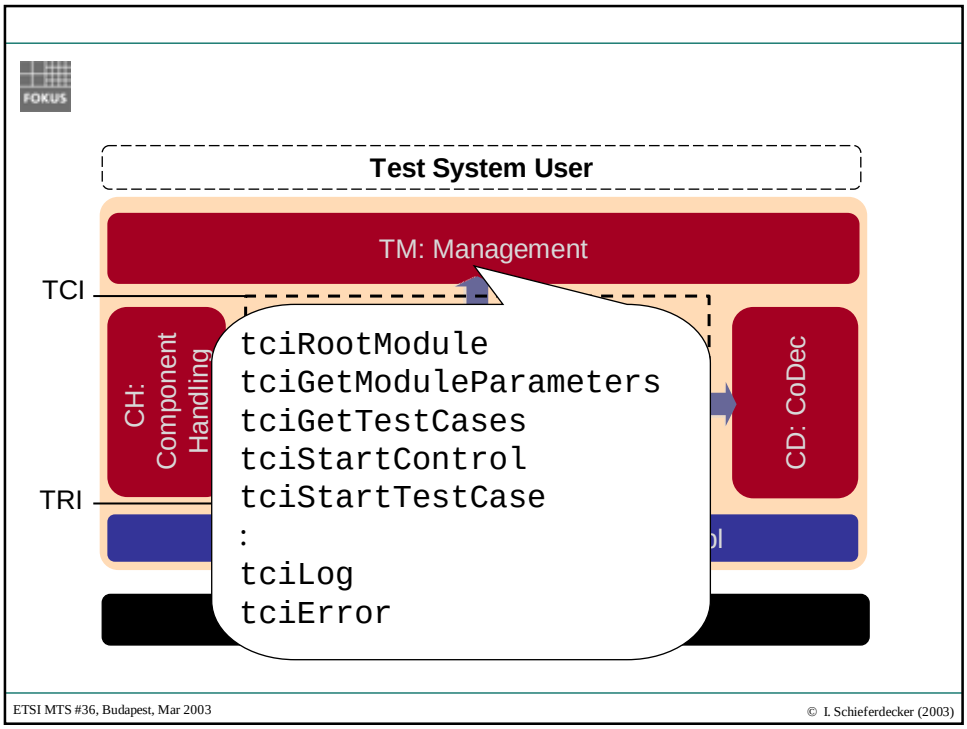

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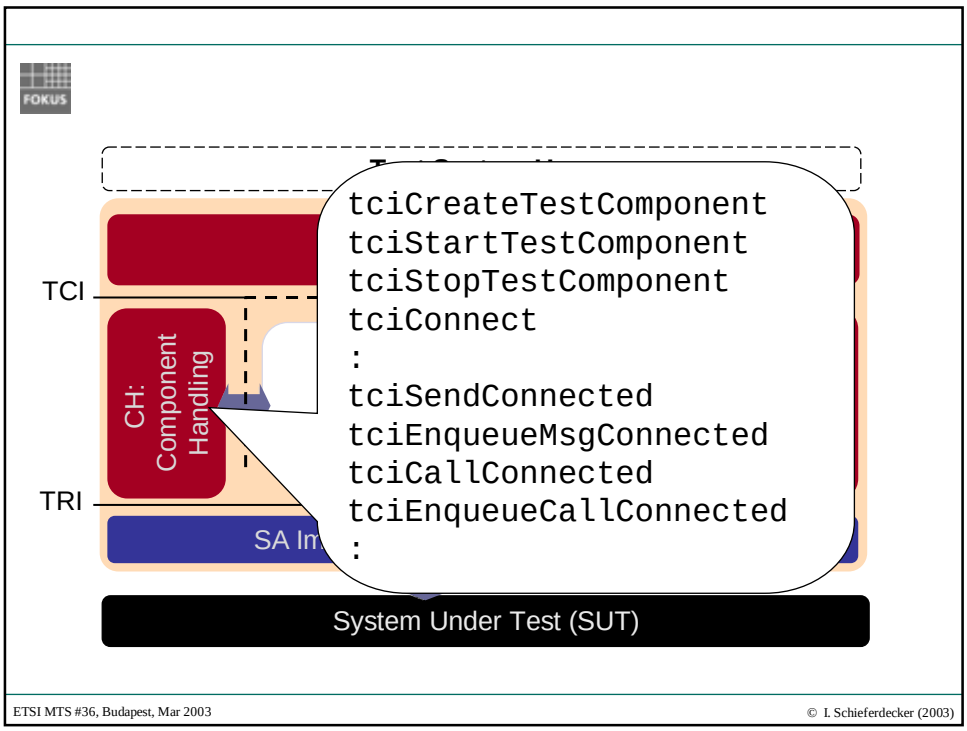

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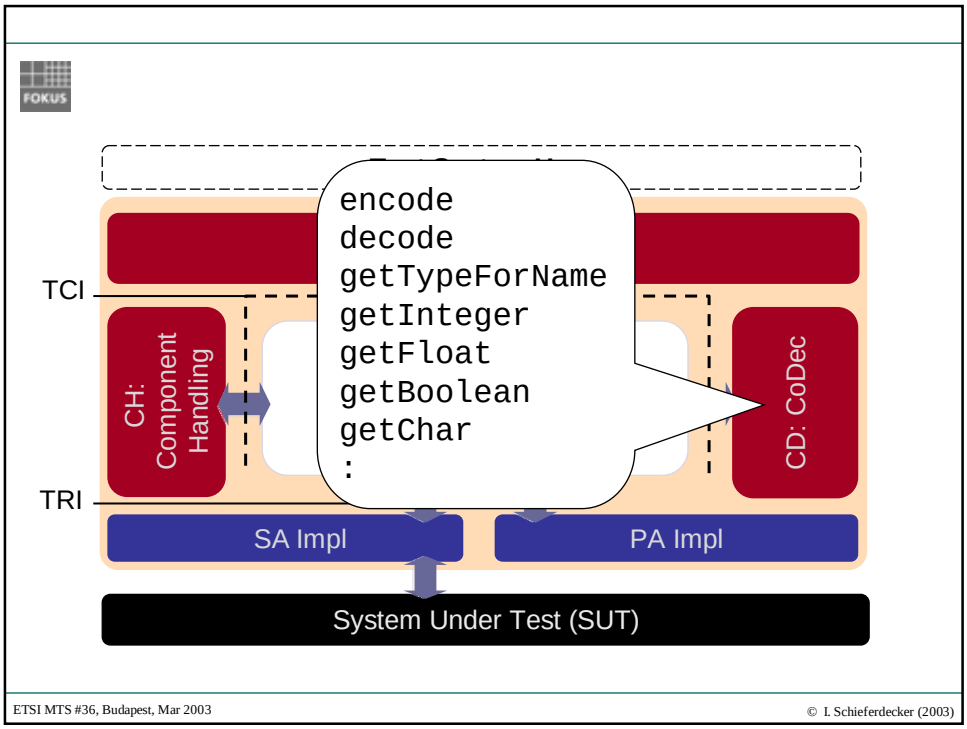

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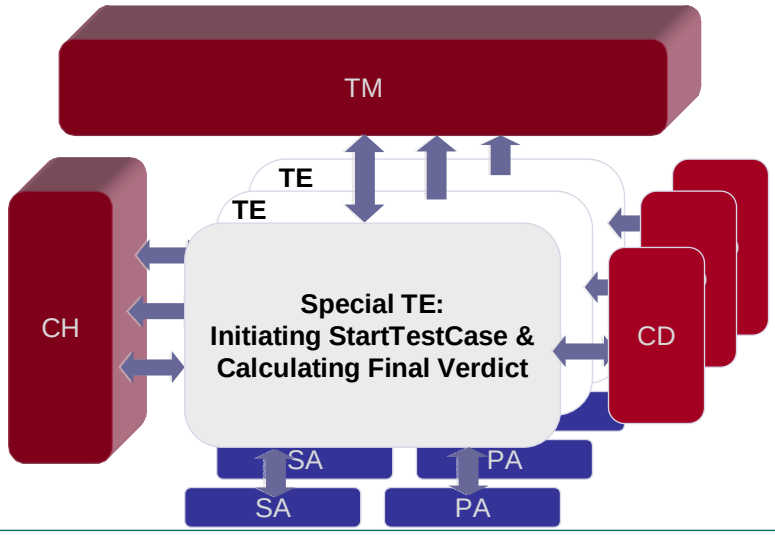
Local and distributed test setups



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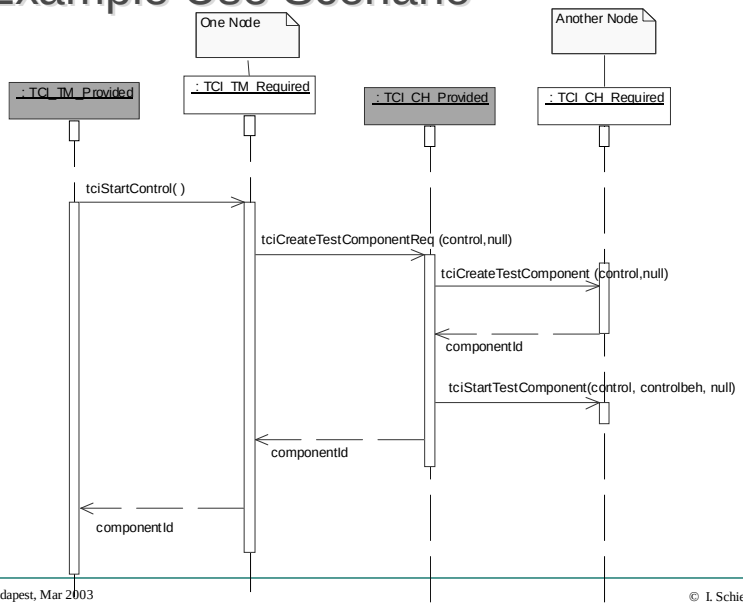
Example Use Scenario



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The Work Done

- Face-to-face meetings
  - KickOff in April 2002 in Berlin, FOKUS
  - 2nd meeting in July 2002 in Munich, O2
  - 3rd meeting in September 2002 in Berlin, FOKUS
  - 4th meeting in October 2002 in Sophia-Antipolis, ETSI
  - 5th meeting in January 2003 in Berlin, FOKUS
    - Information queries for a TTCN-3 module added
    - TRI/TCI interaction improved (e.g. for test system tear down)
    - Review of the language mappings
    - Editorial improvements

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The Document

- Introduction
- General Structure
- Abstract Types, Interfaces and Operations
- Language mappings
  - Java
  - C
- Use Scenarios

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Contributors

- FOKUS
- O_2
- Motorola
- NetHawk
- Nokia
- STS
- Conformance Technologies
- Technical University Berlin
- Telelogic
- Testing Technologies

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