The TTCN-3 Certificate®

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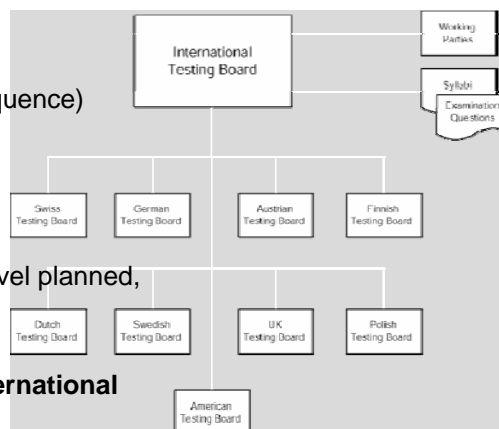## Outline

- Context
- Objectives
- Organisation

Motivation

- Business sense for substituting proprietary test tools with TTCN-3 tooling
- Ever growing need for qualified testers with TTCN-3 knowledge and experience
- Potential to select qualified TTCN-3 testers

➢ Certification for testers:

TTCN-3 technology **+** testing methods know-how

Context: ISTQB

- International Software Testing Qualification Board
  - www.istqb.org

- 3 level approach (strict sequence)
  - Foundation level
  - Advanced level
  - Expert level

- TTCN-3 block for expert level planned, but not yet established

➢ **Instead, independent international TTCN-3 Certificate®**

Aims of the TTCN-3 Certificate (1)

- Development of a common body of understanding and knowledge about TTCN-3 through the syllabus & terminology
- Promote consistent and good testing practise with TTCN-3
- Provide an opportunity for testers or those with interest in TTCN-3 to acquire an industry recognized qualification in TTCN-3
- To be able to
  - compare TTCN-3 skills across different countries
  - move across country borders more easily
- Increased number of qualified TTCN-3 testers in Europe and worldwide

Aims of the TTCN-3 Certificate (2)

- Promote TTCN-3 as a good basis for testing in more countries
- Gain recognition for TTCN-3 as an essential and professional tester specialization by industry
- Economy of scale, increased efficiency and economic benefits (re-use of syllabus and exam questions, reduction in cost per country - don't have to re-invent wheels)
- International recognition of TTCN-3 testers from a board-based international scheme, international recognition of the qualification due to participation from many countries
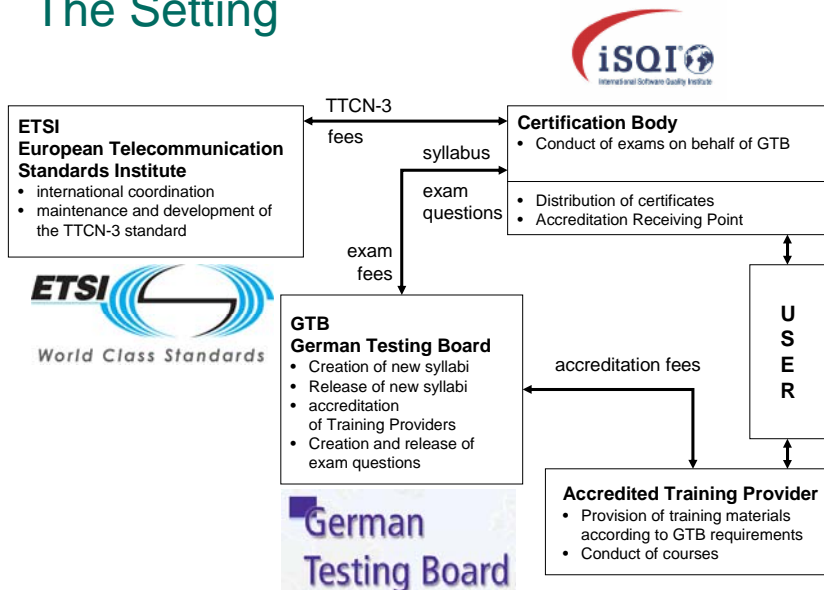
Syllabus Overview (1)

- Introduction
- Basics of TTCN-3
- Language Features
  - Data Types and Templates
  - Communication
  - Test Configurations
  - Behaviour
  - Modules
- Core Language and other Presentation Formats

Syllabus Overview (2)

- Test Execution
- TTCN-3 Standard and Maintenance
- Test Design and Development
- Open Data Interface
- Migration
- Test Tools

The Setting

Accredited Training Providers

- Present their TTCN-3 training concept to GTB
- GBT assures quality of the training and consistency with the syllabus and the TTCN-3 standard

- Currently, there are TTCN-3 courses, but no accredited ones yet

➤ If you are interested to become accredited TTCN-3 trainings provider, *please contact GTB or iSQI*

The Exam

- 90 min written exam
- 41 questions, multiple choice
- Relating to all sections of the syllabus
- Public exams or exams colocated with accredited trainings

- First exam at T3UC 2007

  ... more to follow

  ... if you are interested *please contact iSQI*

The TTCN-3 Certificate®

Hope to see in the near future
not only
thousands of TTCN-3 users,
but

thousands of
Certified TTCN-3 Tester®

Thank you for your attention!

Questions?