Test Maturity Model integration

the world standard for test improvement

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TMMi Foundation

- TMMi Foundation (2005)
  - Develop the TMMi standard
  - Framework for TMMi assessments
- TMMi model published in 2010
  - ISTQB, IEEE, CMMI, best practices
  - Translated into Chinese, French and Spanish
- Independent model
- *World leading model* for test process improvement
TMMi Process Areas

74% is at TMMi level 1

5 : Optimization
- Test process optimization
- Quality control
- Defect prevention

4 : Management and measurement
- Product quality evaluation
- Test measurement programme
- Advanced reviews

3 : Defined
- Test organization
- Test training program
- Test life cycle and integration
- Non-functional testing
- Peer Reviews

2 : Managed
- Test policy and strategy
- Test planning
- Test monitoring and control
- Test design and execution
- Test environment

Helps to set priorities and focus the test improvement process
TMMi & Agile

Agile “doing the same things differently”

1. Ability to manage changing priorities
2. Increased team productivity
3. Improved project visibility
4. Increased team motivation
5. Better delivery predictability

Source: 10th Annual State of Agile™ Report

- Start from business objectives and goals
- Looks for alternative practices – look for the intent
- TMMi reminds you of critical testing practices
- Keep it Simple (this is difficult!)
Reported Results

Defect Detection Percentage

alpha / beta test lead time

Employee satisfaction

% deviation - spent vs. planned
More than a model ..

TMMi Professional

Train & Assess

Optimization
Measured
Defined
Managed
Initial

TMMi®
Test Process Improver

TMMi®
ACCRREDITED ASSESSOR

TMMi®
RECOGNIZED TRAINING PROVIDER

TMMi®
ACCRREDITED SUPPLIER

TMMi®
CERTIFIED
LEVEL 3

Breadth of Cross-discipline Competence
Depth of Discipline Expertise
Local Chapters

UK

Bulgaria

Brazil

France

Romania

India

Finland

Serbia

China

Hungary

Italy

South Korea
Objective Driven
ISTQB related
Well-founded
Clear Priorities
Self-Assessments
Freely Available
CMMI relationship
Open community
On-going development, e.g., Agile
A TMMi page with all documents for download

I will keep you updated on TMMi