

Tester, get out of your cave!

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Vice President SYSQA B.V.



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Why are we here?



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Agenda

- TMMi in under 10 minutes
- Data from 20 TMMi workshops
- Conclusions
- How to get out of your cave

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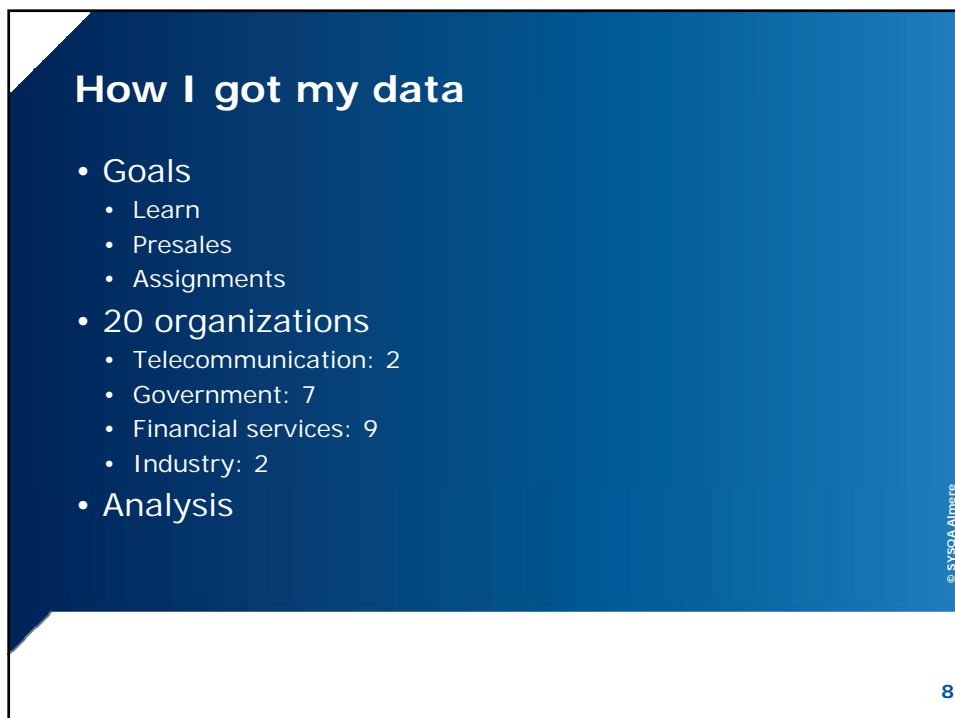
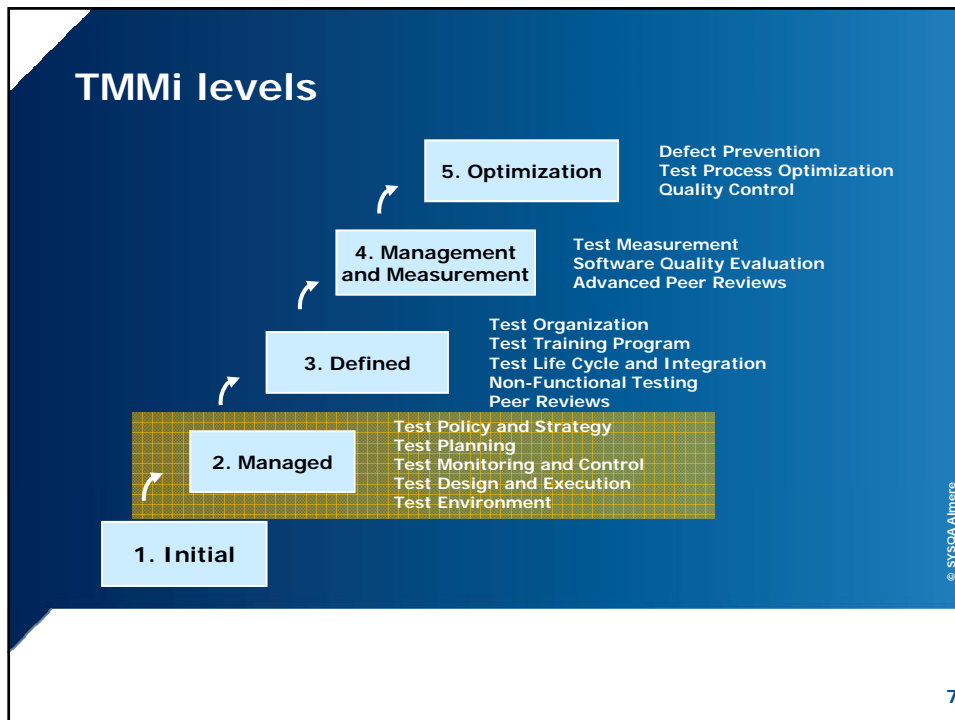


TMMi – essentials

- Test maturity framework
- Benchmark model for assessments
- 5 levels
- Based on:
 - TMM
 - Evolutionary Testmodel (Gelperin / Hetzel)
 - CMMI for Development
- In line with ISTQB terminology
- Developed by the TMMi-foundation
- Public domain
- www.tmmifoundation.org

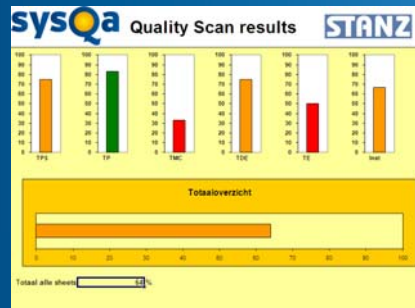


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Quick scans – a demo

sysQa Testplanning		STANZ				
W	Vraag	K.A.	Net	Partially	Mostly	Fully
SG 1	A product risk assessment is performed to identify the critical areas for testing.	*	*	*	*	*
SP 1	Product risk categories and parameters are defined that will be used during the product risk assessment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
SP 1.2	Product risks are identified and documented.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
SP 1.3	Product risks are evaluated, categorized and prioritized using the predefined product risk categories and parameters.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
SG 2	A test approach, based on identified product risks, is established and agreed upon.	*	*	*	*	*
SP 2	The items and features to be tested, and not to be tested, are identified based on the product risks.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
SP 2.2	The test approach is defined to mitigate the identified and prioritized product risks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
SP 2.3	The entry criteria for testing are defined to prevent testing from starting under conditions that do not allow for a thorough test process.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
SP 2.4	The exit criteria for testing are defined to know determine when testing is complete.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Results

Fasten your seatbelts

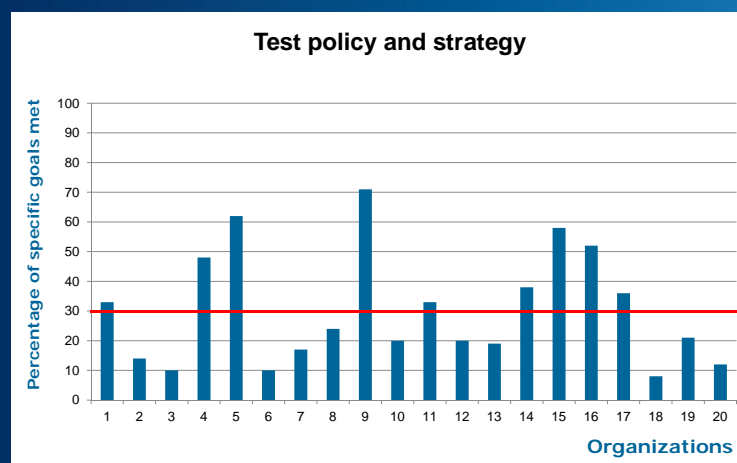
Test policy and strategy - goals



- Establish a test policy
- Establish a test strategy
- Establish test performance indicators

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Test policy and strategy: A: 30% V: 14%



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Test planning - goals

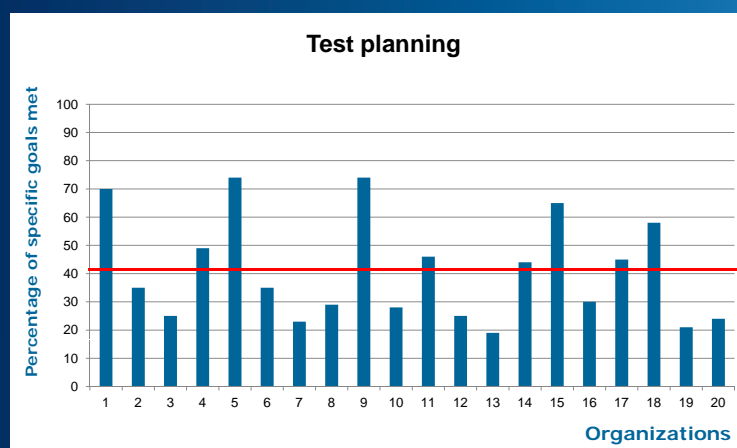
- Perform a product risk assessment
- Establish a test approach
- Establish test estimates
- Develop a test plan
- Obtain commitment to the test plan



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Test planning: A: 41%, V: 13%



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Test monitoring and control - goals

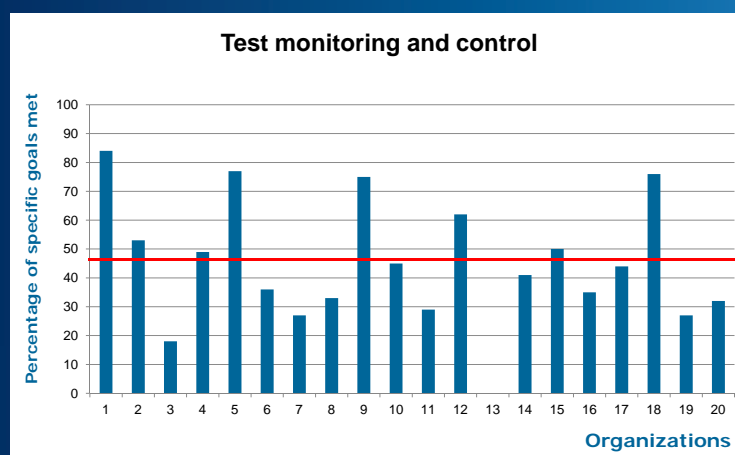


- Monitor test progress against plan
- Monitor product quality against plan and expectations
- Manage corrective action to closure

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Test monitoring and control: A: 47%, V: 15%



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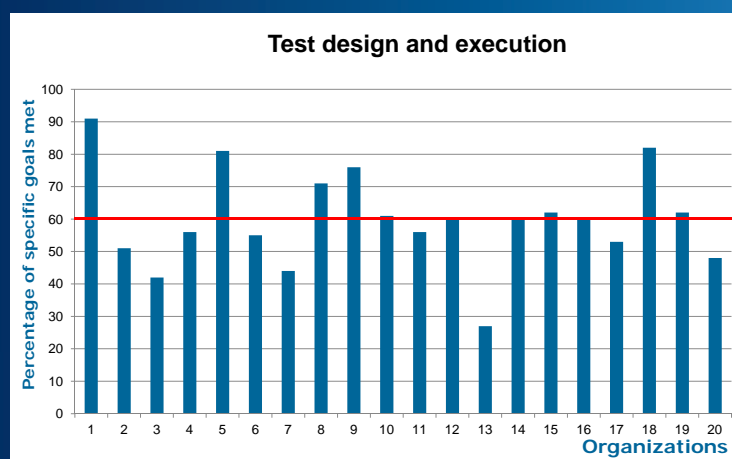
Test design and execution - goals

- Perform test analysis and design using test design techniques
- Perform test implementation
- Perform test execution
- Manage test incidents to closure

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Test design and execution: A: 60%, V: 8%



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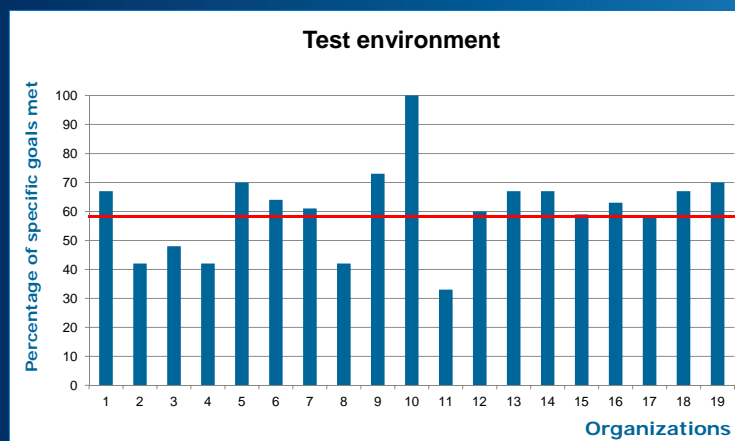
Test environment - goals



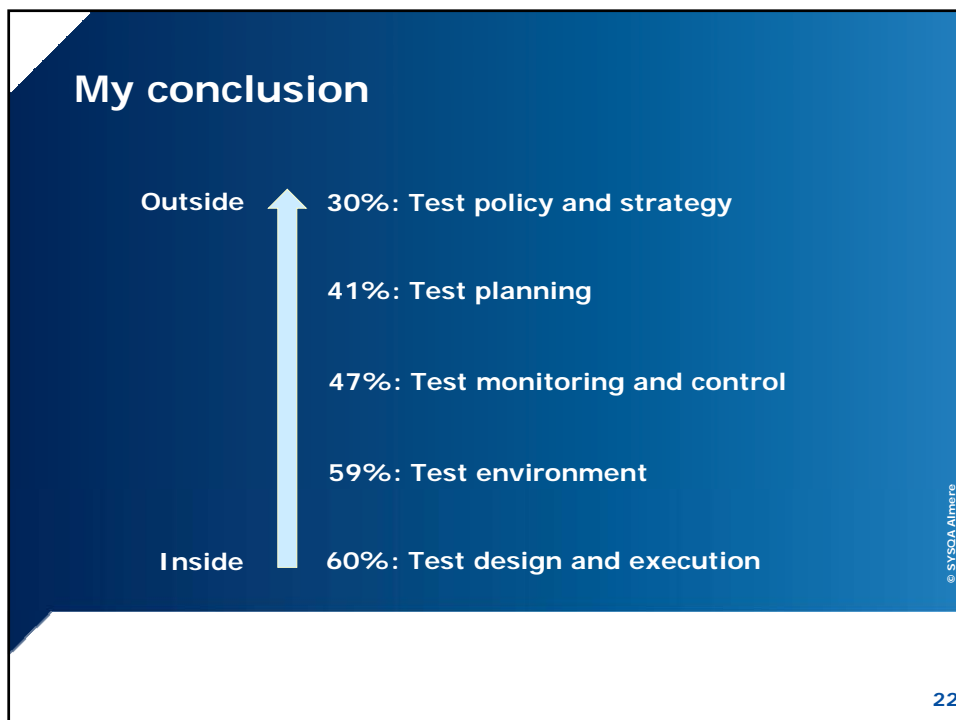
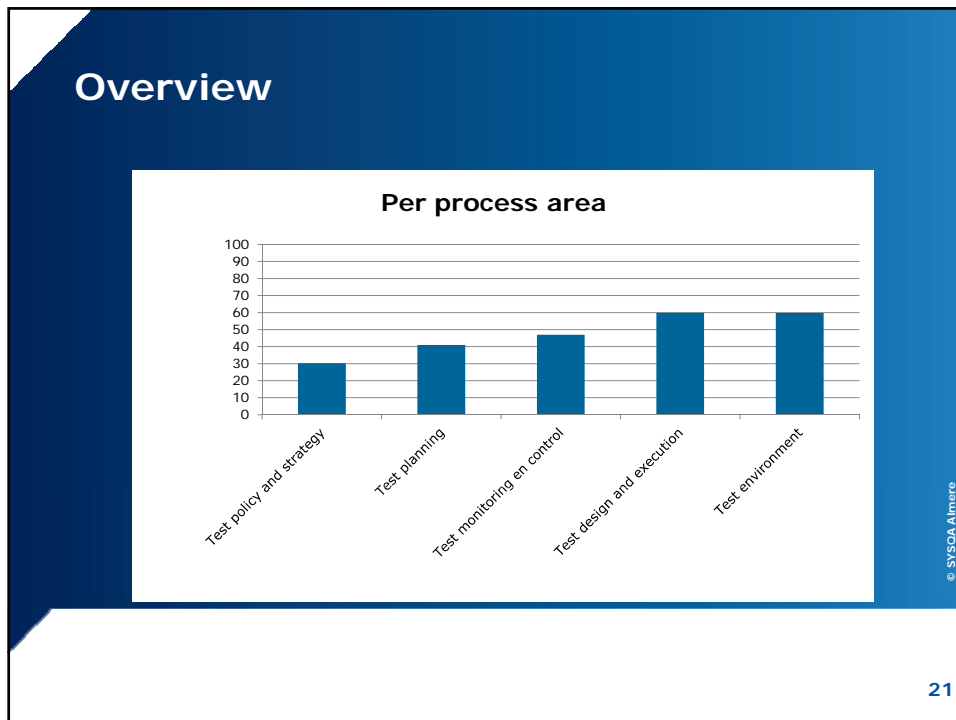
- Develop test environment requirements
- Perform test environment implementation
- Manage and control test environments

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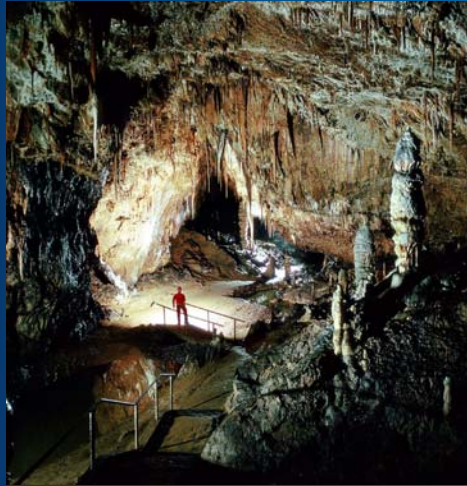
Test environment: A: 59%, V: 9%



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We are in a cave!



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Get out of your cave!



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In case you disagree...



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Best practices 'outside of your cave'

- Perform a product risk assessment and test approach with relevant stakeholders
- Obtain commitment for your project from relevant stakeholders
- Plan stakeholder involvement throughout project
- Monitor stakeholder involvement in your project
- Make release decisions with people outside of testing
- Establish a test strategy with relevant management
- Measure and report test performance indicators to relevant stakeholders
- Establish and maintain a test policy with higher management (business and IT)

Stakeholder management

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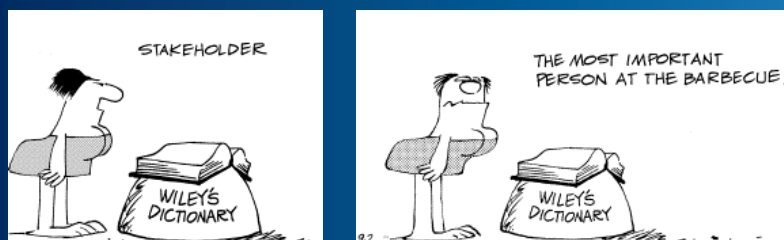
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Stakeholder management

The basics

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Stakeholder



A person or group of persons who will be involved in or effected by your test project or improvement project

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Stakeholder management

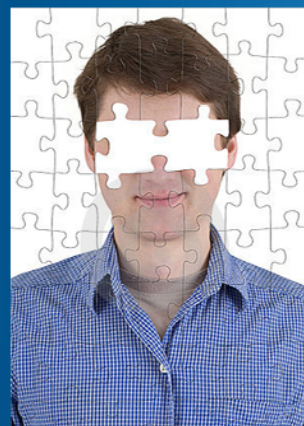
- Stakeholder identification
- Stakeholder analysis
- Stakeholder involvement

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Stakeholder aspects

- Organizational level
- Power
- Business interest
- Mindset
- Ambition
- Behavioral style
- Stakeholder type

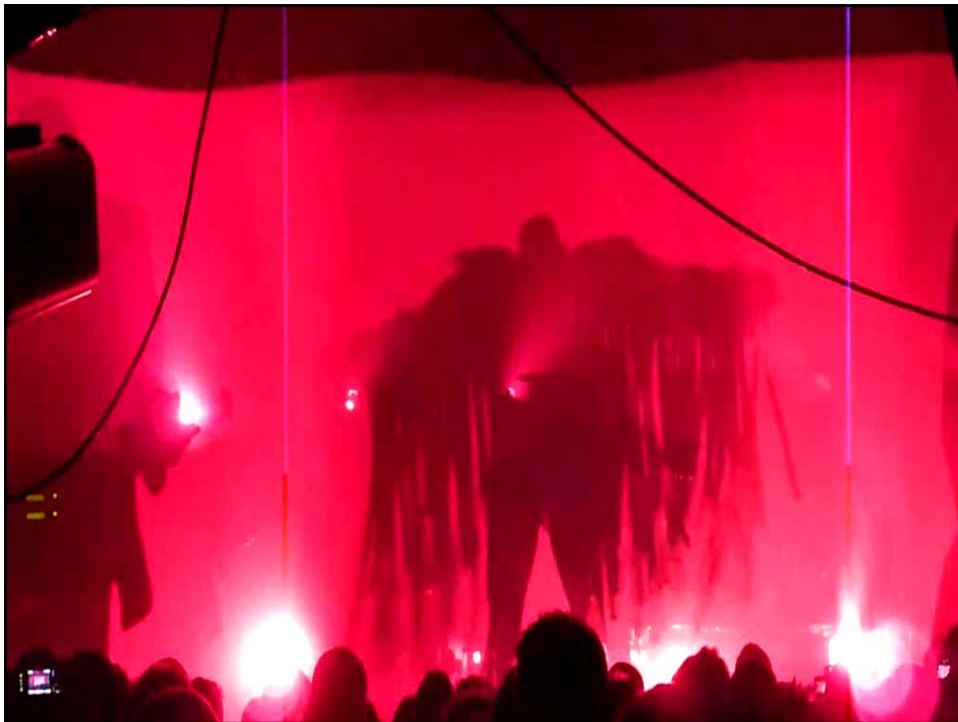


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Please think this over

I'll turn on some inspiring music

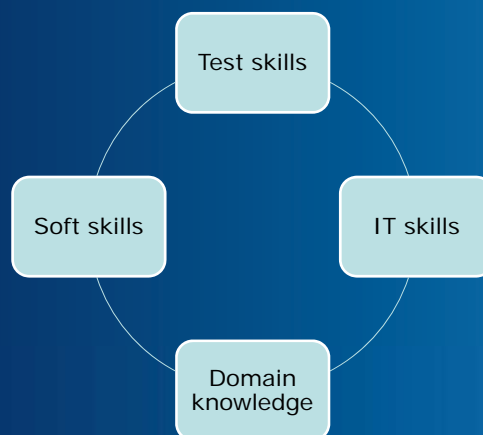


Yes, it's all political

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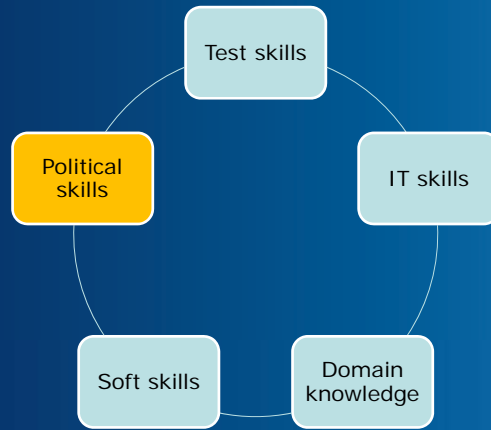
Stuart Reid's test competence model for testers



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My test competence model for test consultants



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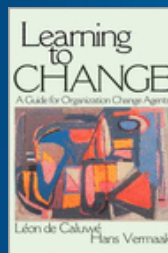


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Further study and background

Five ways to change:

- Blue: plan and control
- Red: people
- Green: grow
- White: energy
- Yellow: politics



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Email for the stakeholder card:
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proud of it

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