

Test Coaching

Conference talk at TestCon Europe 2019 by Jani Grönman and Pekka Marjamäki



Presenters



Pekka Marjamäki



Jani Grönman



Pekka Marjamäki



“Testing reverend”



Coach
Trainer



Live and
breathe
testing



Conference speaker
Spokesperson



Jani Grönman

“Renaissance Man”



Coaching
Training



Business
perspective



Management
background





We are a data and customer value driven transformation company

- 94 % of our clients recommend us
- Over 2 million daily users in services maintained by Solita
- Extensive partner network in tech and insight

1996 FOUNDED	800 EMPLOYEES	9 CITIES	4 COUNTRIES
20% AVG. PROFITABLE GROWTH PER ANNUM		91M TURNOVER 2018	



Why Test Coaching?



Solita is mid-sized agile contactor company



Focusing on generalists, no testers in most projects

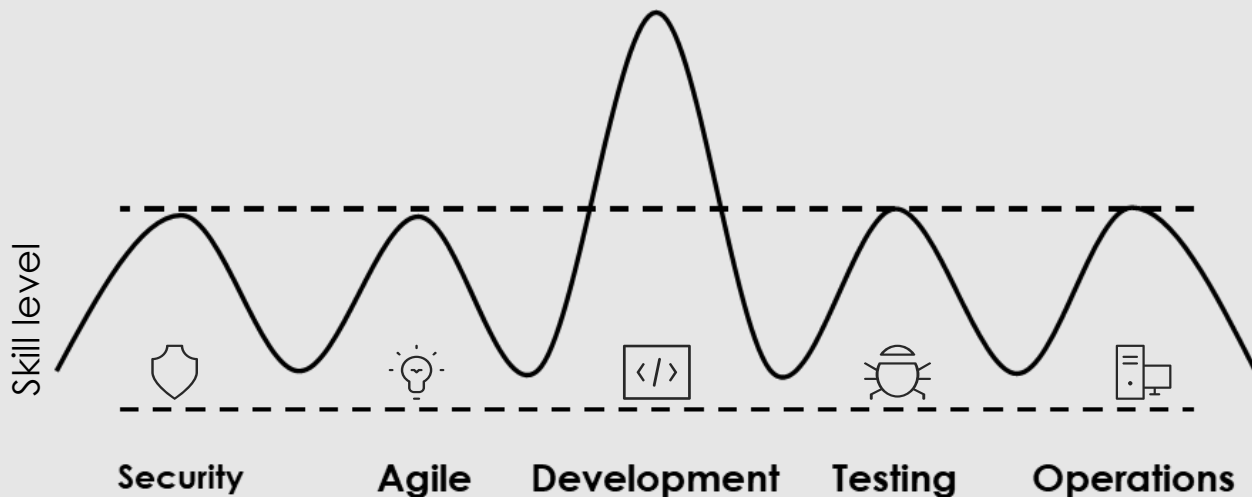


“We need to know a bit of everything”



Developers

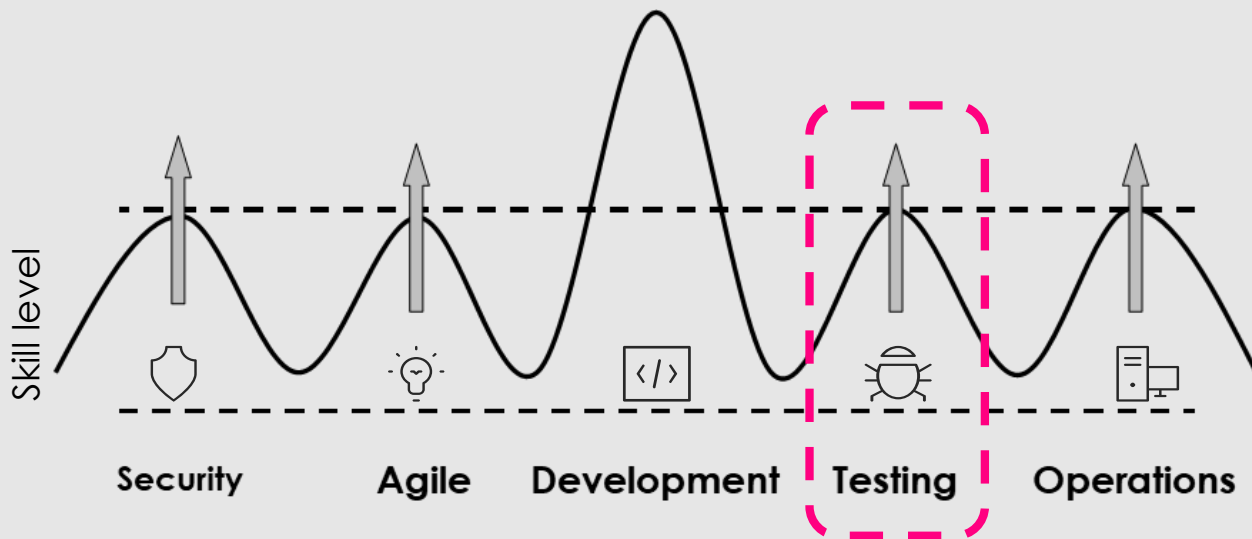
- Testing skills are rarely improved deliberately
- Problems are solved from development point-of-view
- Automation, unit testing, CI, code review






The purpose of coaching

- Coaches teach generalist to broaden skills
 - Agile coach, test coach, etc.
- Share knowledge





Our Clients and way of working

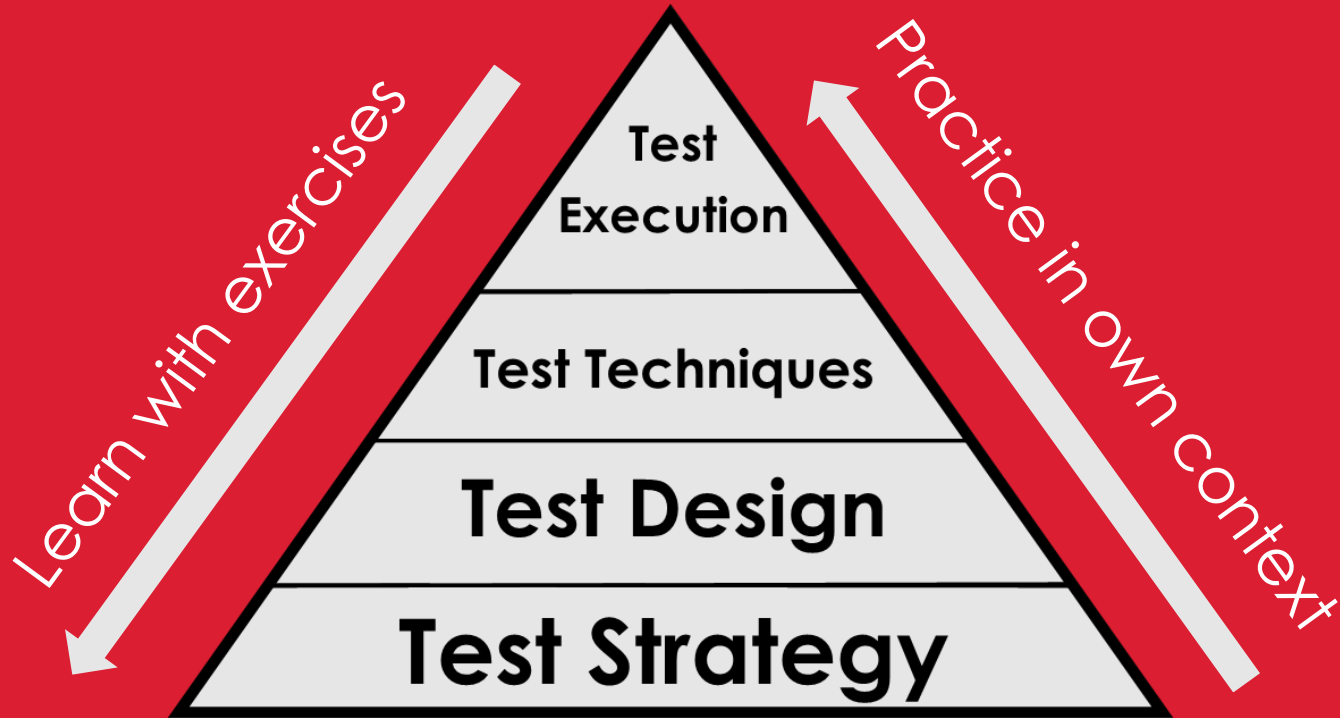
 Team and 1-on-1 coaching

 In-house and customers as clients

 Coaching and workshops to various needs



Coaching model





Learning



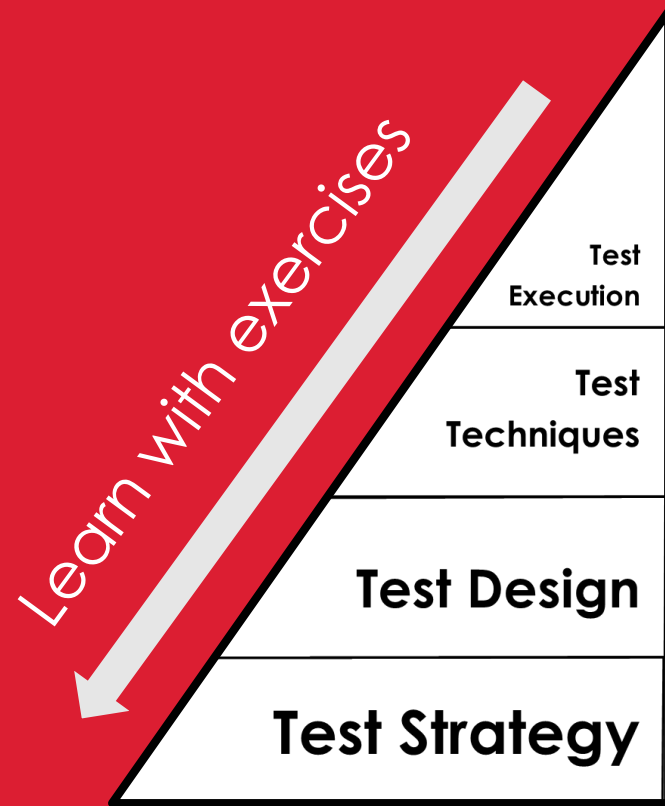
Learn with exercises



**Test thinking, modeling,
test-ideas, strategy models**

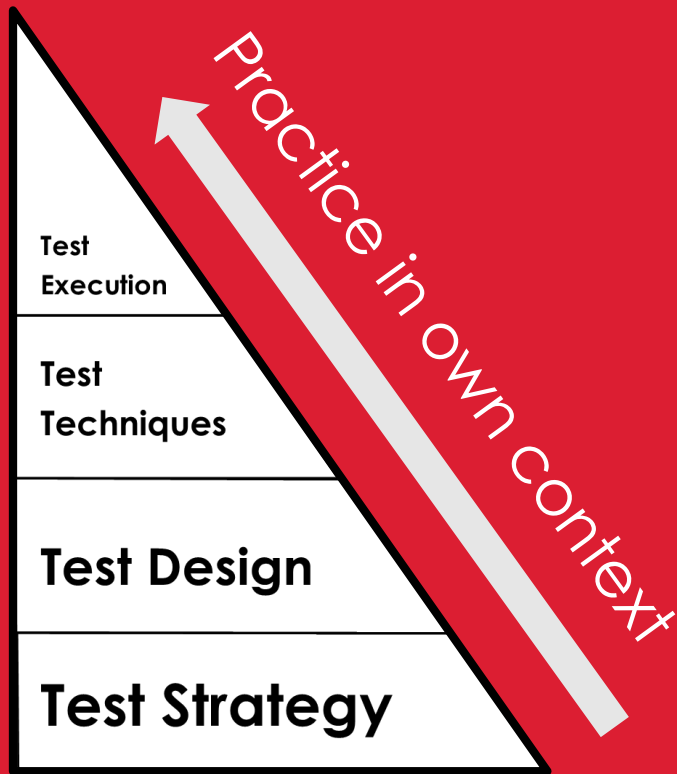


**Workshop and discussion
of own context**





Practicing the learned



Apply into own context



Coaches facilitate implementation



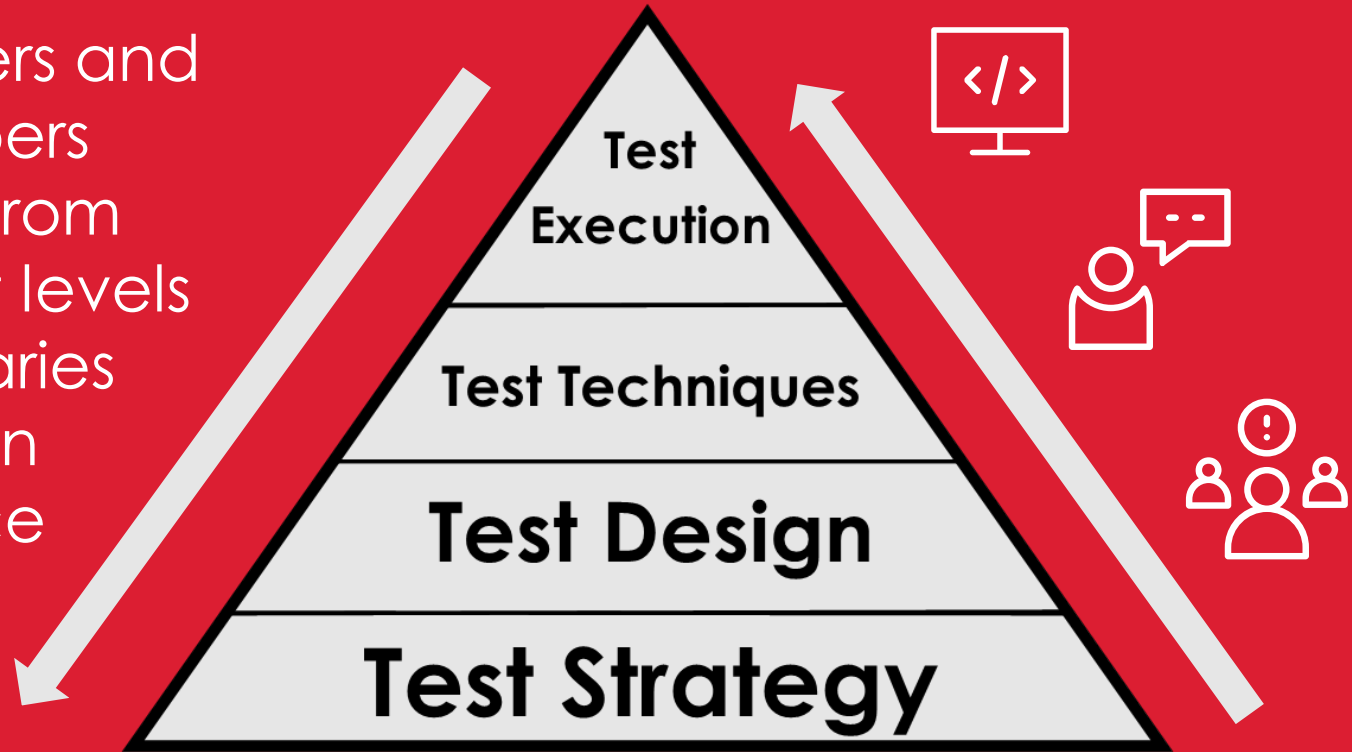
Implementation level varies based on client needs





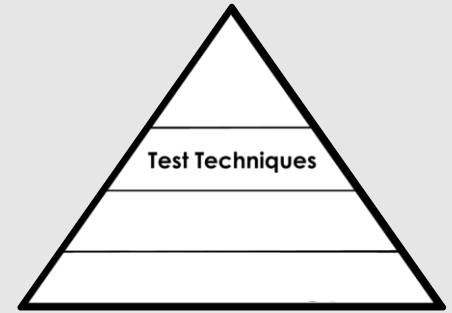
Adjusting for target group

- Managers and developers benefit from different levels
- Focus varies based on audience





Pyramid breakdown

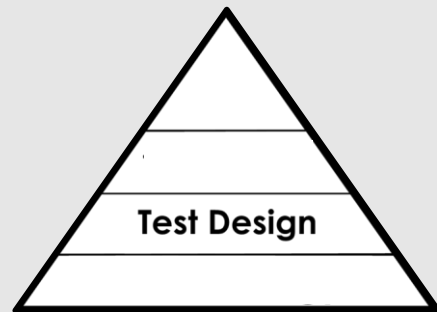


- Learning different techniques related to testing
- Unit testing, performance testing, etc.
- Testing tours, checklists, heuristics
- Test management, session-based testing, reporting

Testing Techniques



Pyramid breakdown

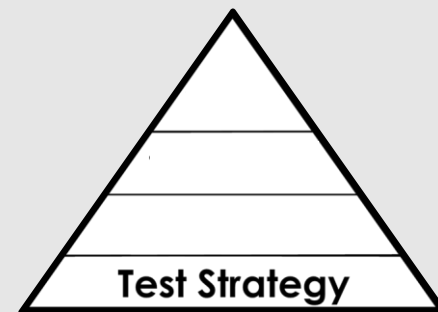


- Learning how to design tests
- Modeling, analyzing, taking context into account
- Test scripting, test automation scripts
- Test cases, instructions, test ideas, missions

Test Design



Pyramid breakdown



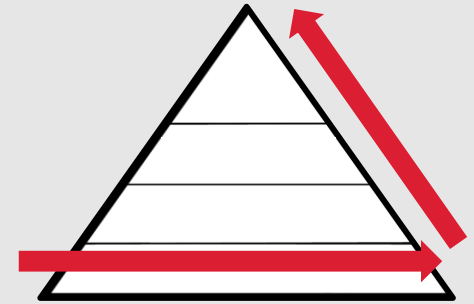
- Understanding the context, missions, risks and goals and what affects testing
- Defining quality aspects and taking testing activities into account
- Modeling product and project environment

Testing Strategy



Case example 1

- Large government project, infrastructure project cost-planning
- Target group: Project managers, architects, product owners, etc.
- Test coaches facilitated the creation of acceptance and system testing strategy

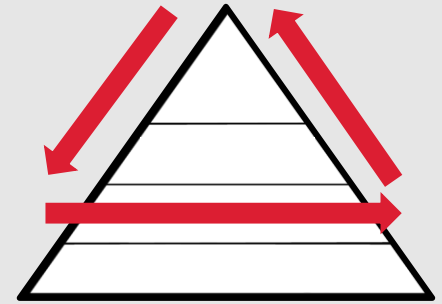


**Test strategy, context understanding,
comprehensive testing and test design skills**



Case example 2

- B-to-B e-commerce project built on CMS-platform
- Target group: Developers, scrum master, customer product owner
- Focus on test techniques, test design and facilitating actual testing



**Mind-set switch, test process enhancement,
and understanding the importance of testing skill-set**

Summary



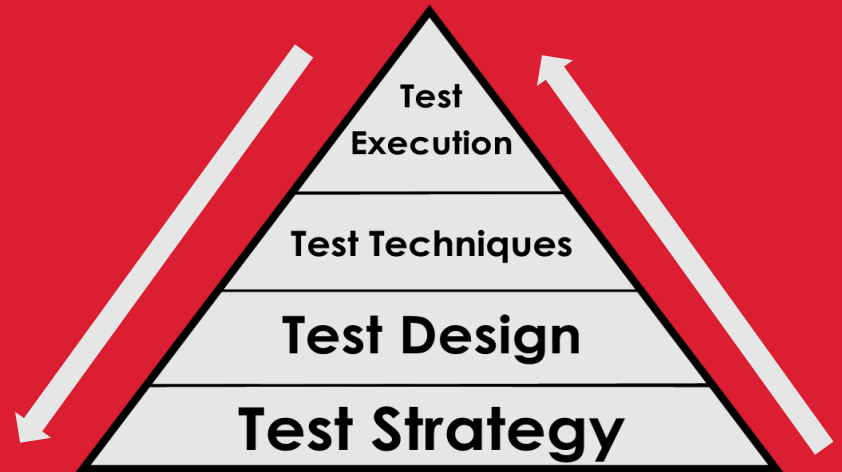
Learn with generic exercises



Practice in own context



Coaching and workshops to various needs





Q&A



Come and chat with us afterwards!

pekka.marjamaki@solita.fi

jani.gronman@solita.fi

www.solita.fi

Twitter: @pekkamarjamaki @jgronman



