From bringer of bad news to an appreciated team member – the testers life

Veikko Nokkala

FiSTB Testing Assembly 2018

19.9.2019

digia

Who am I?

- **Veikko Nokkala**
  - Senior Consultant @ Digia Oyj
  - Nordic Ambassador @ DASA
- DevOps Ambassador, coach, trainer, consultant, head of DevOps and Agile tribes, …
- Certified: Scrum, DevOps, Lean IT, SAFe, ITIL, PRINCE2, COBIT, TOGAF, CMDB ja Green IT.
- Dad, brother, enthusiast, (trail) runner, ..

Veikko Nokkala

@VeikkoNokkala

digia

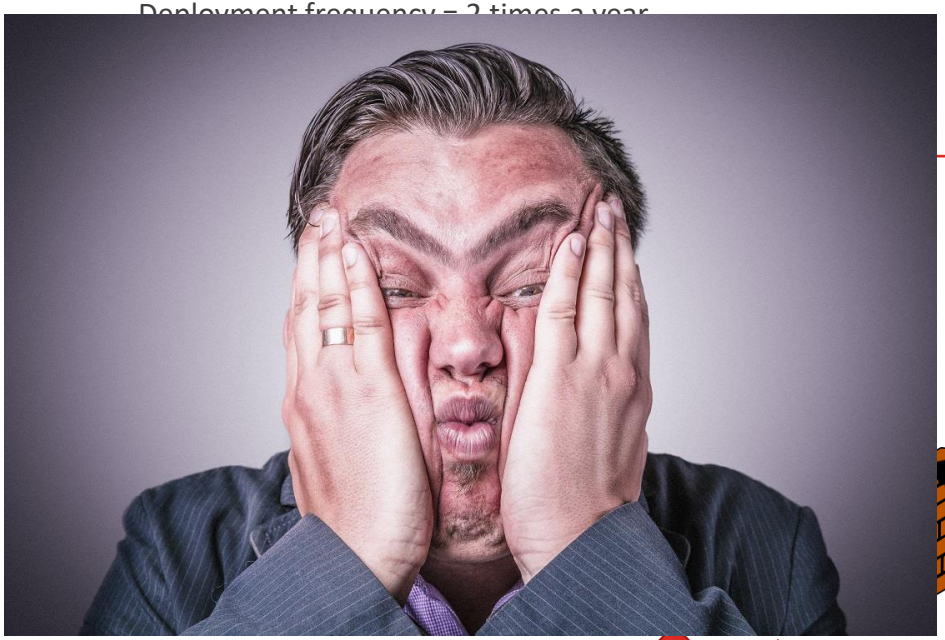
Agenda

- The way things used to work (or still do..)
- DevOps Agile Skills Association (DASA)
  - Team work!
  - Evolution of agile and automation
  - New set of rules and guidelines (to stay in business)
- How to get there

digia

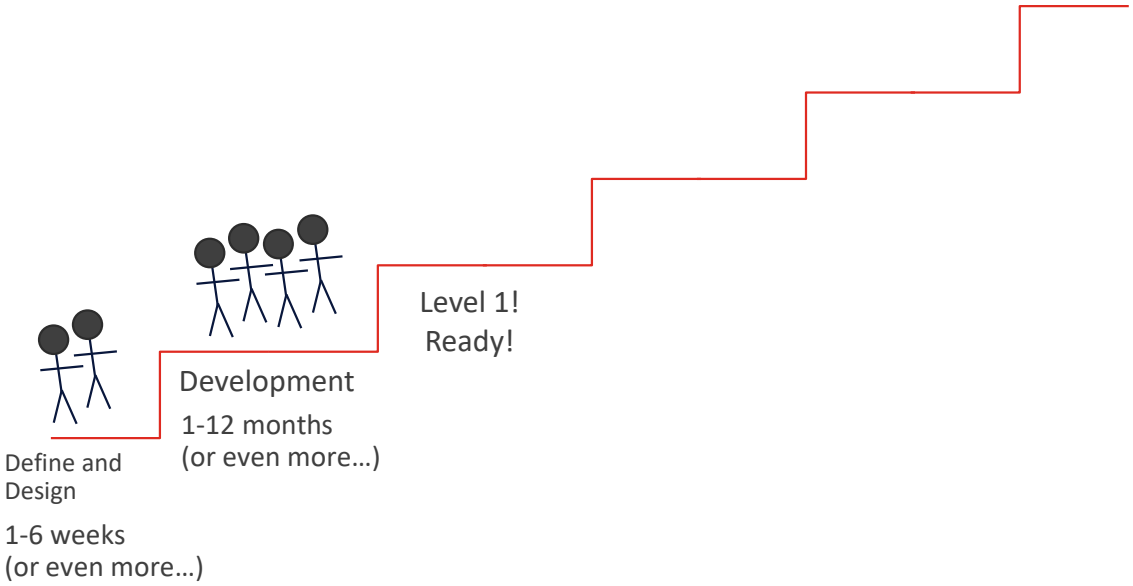
Old ways of working

Deployment frequency = 2 times a year

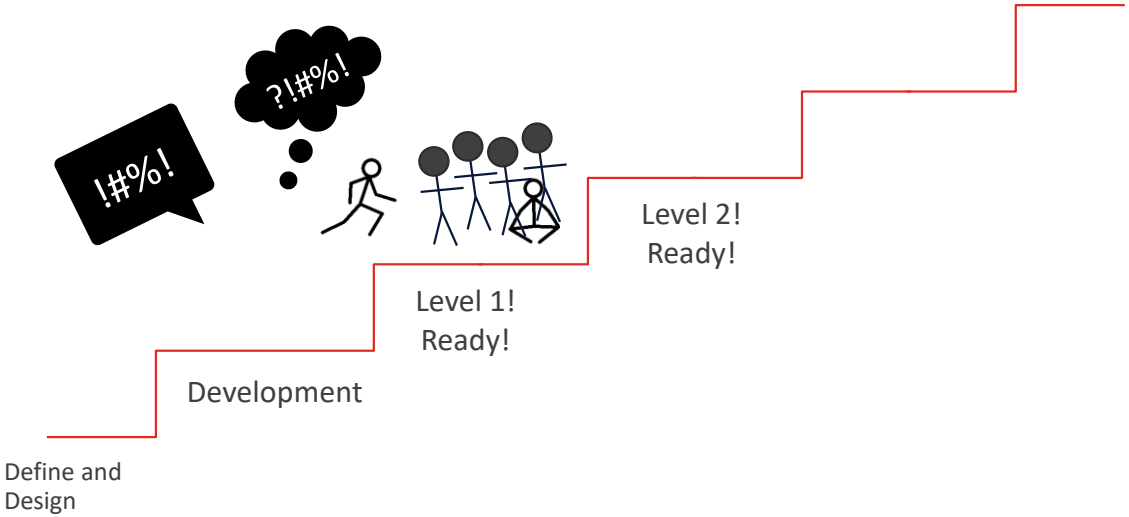


digia

Reactive


Level 1!
Ready!
Development
1-12 months
(or even more…)
Define and
Design
1-6 weeks
(or even more…)

Reactive



digia

Unappreciated

About DASA

The DevOps Agile Skills Association

About the DevOps Agile Skills Association (DASA)

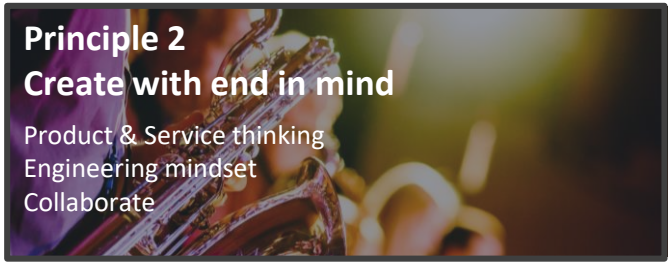
DASA is an **independent** and **open** association supporting the development of **DevOps training** and **certification** to the global market.

Advocating the development of **high-performance IT professionals and organizations** through agile DevOps initiatives.

DASA offers **thought leadership** as well as **practical guidance** for competence development for professionals and organizations.

digia

DASA Six DevOps Principles



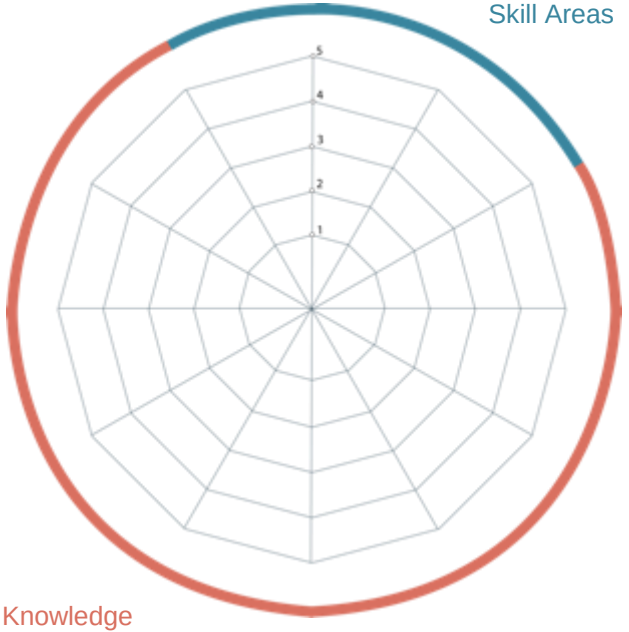
digia

DASA Competence Model and Qualification Program

DASA Competence Framework

Knowledge Areas
Business Value Optimization
Business Analysis
Architecture & Design
Programming
Continuous Delivery
Test Specification
Infrastructure Engineering
Security, Risk & Compliance

Skills Areas
Courage
Teambuilding
DevOps Leadership
Continuous improvement

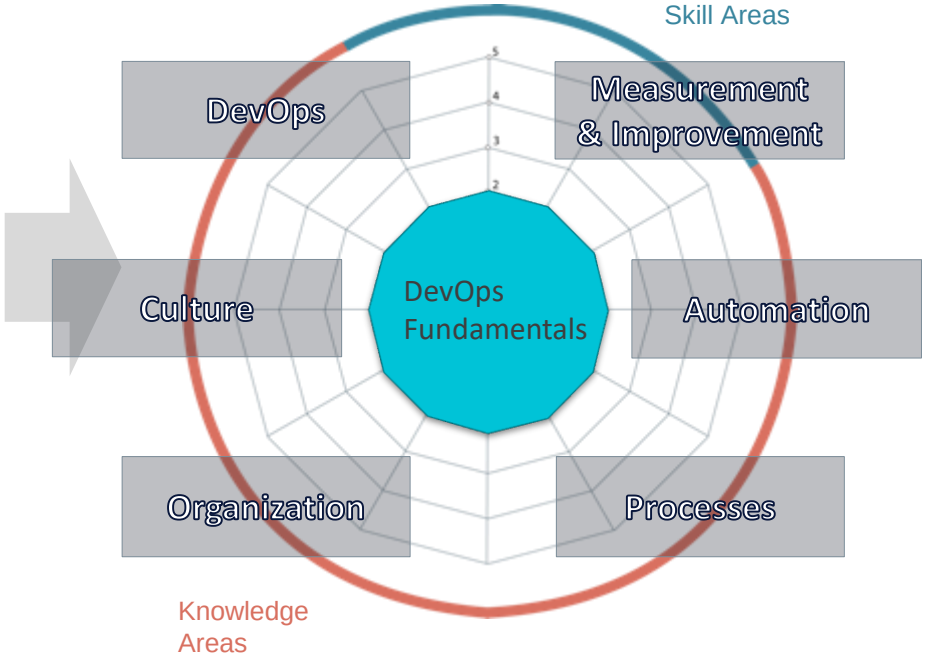


1- Novice / 2- Competent / 3- Proficient / 4 - Expert / 5 - Master

DASA Competence Framework **with Qualification**

Knowledge Areas
Business Value Optimization
Business Analysis
Architecture & Design
Programming
Continuous Delivery
Test Specification
Infrastructure Engineering
Security, Risk & Compliance

Skills Areas
Courage
Teambuilding
DevOps Leadership
Continuous improvement

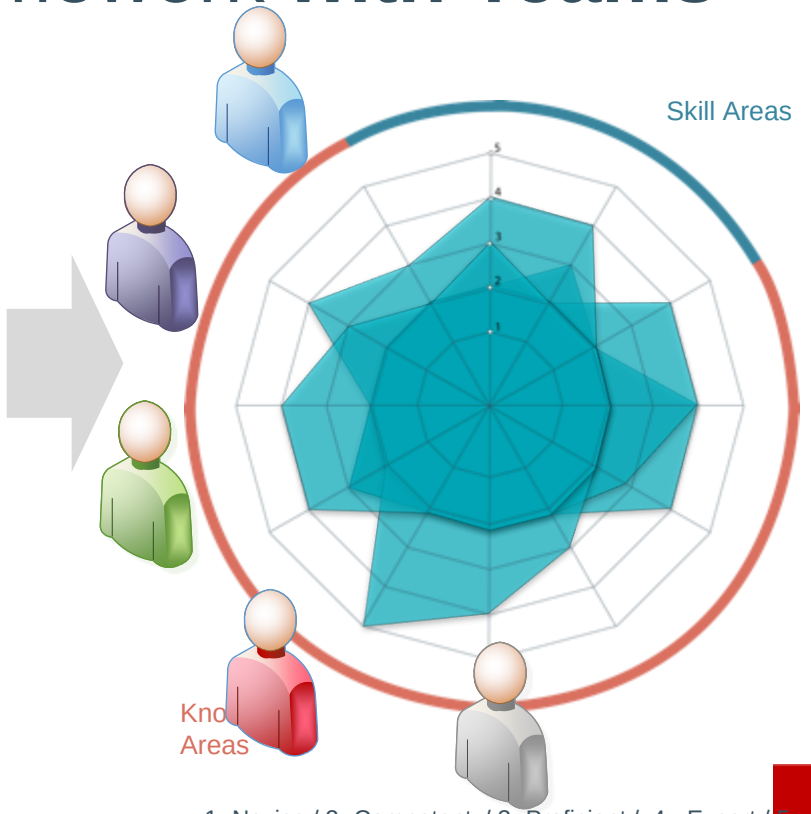


1- Novice / 2- Competent / 3- Proficient / 4 - Expert / 5 - Master

DASA Competence Framework **with Teams**

Knowledge Areas
Business Value Optimization
Business Analysis
Architecture & Design
Programming
Continuous Delivery
Test Specification
Infrastructure Engineering
Security, Risk & Compliance

Skills Areas
Courage
Teambuilding
DevOps Leadership
Continuous improvement



1- Novice / 2- Competent / 3- Proficient / 4 - Expert / 5 - Master

Hey!
I found this thing called Continuous Delivery!

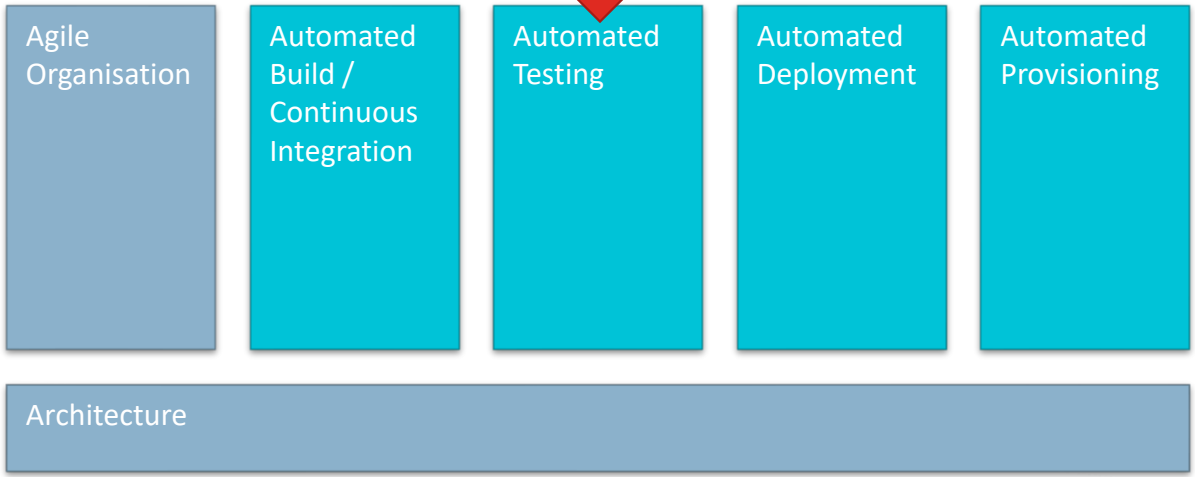
digia

Continuous Delivery

Test-Driven Development (TDD) (unit tests)
Behaviour Driven Development (BDD) (functional tests)
Acceptance Test Driven Development (ATDD) (acceptance tests)

Integration, platform, UI, load, security, …

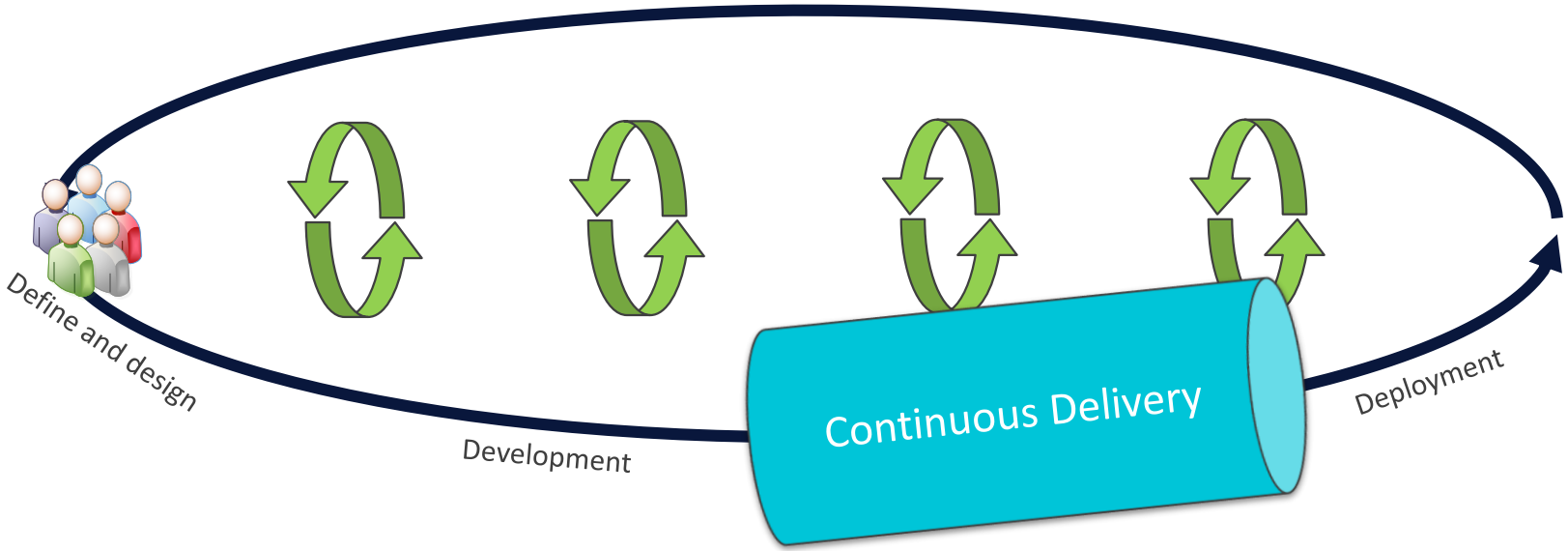
ENDLESS TOOLS, TECHNOLOGIES AND OPPORTUNITIES!



digia

New ways of working

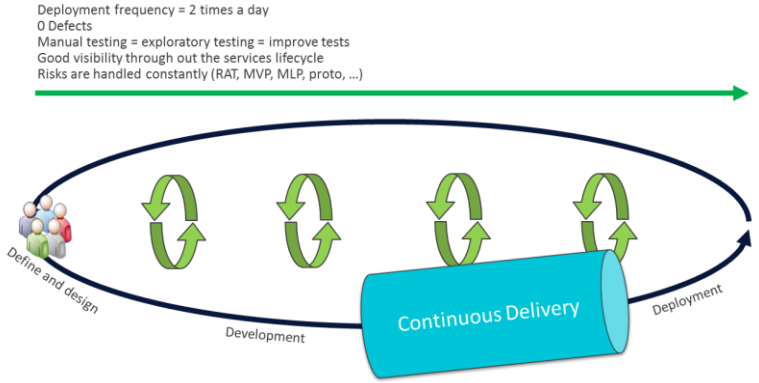
Deployment frequency = 2+ times a day
0 Defects
Manual testing = exploratory testing = improve tests
Good visibility through out the services lifecycle
Risks are handled constantly (RAT, MVP, MLP, proto, …)



digia

How to get here?

1. “Culture eats strategy for breakfast”
   Peter Drucker.
2. Teamwork
   - Know and trust yourself
   - Be humble
   - Trust each other
   - Self disicpline
3. Get rid of the siloes!
4. Improve your skills
   - Be active
5. Continuous learning and experimentation
6. Continuous improvement
7. …



digia

Appreciated

digia

Thank you!
#digiarki
www.digia.com
www.godasa.org
digia