

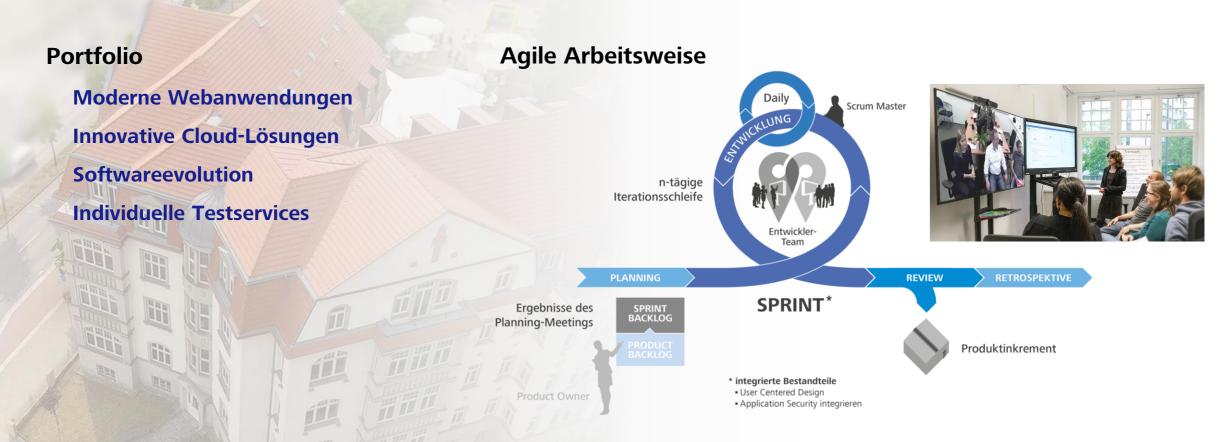
Venture into uncharted waters of quality assurance.

ZEISS Digital Innovation

ZEISS Digital Innovation

Kurzvorstellung





Standorte
Dresden, München, Berlin,
Leipzig, Görlitz, Budapest,
Miskolc

420
feste Mitarbeiter
in Deutschland und Ungarn

30+ Jahre Erfahrung in Individualsoftwareentwicklung, ISO 9001 & ISO 27001 zertifiziert

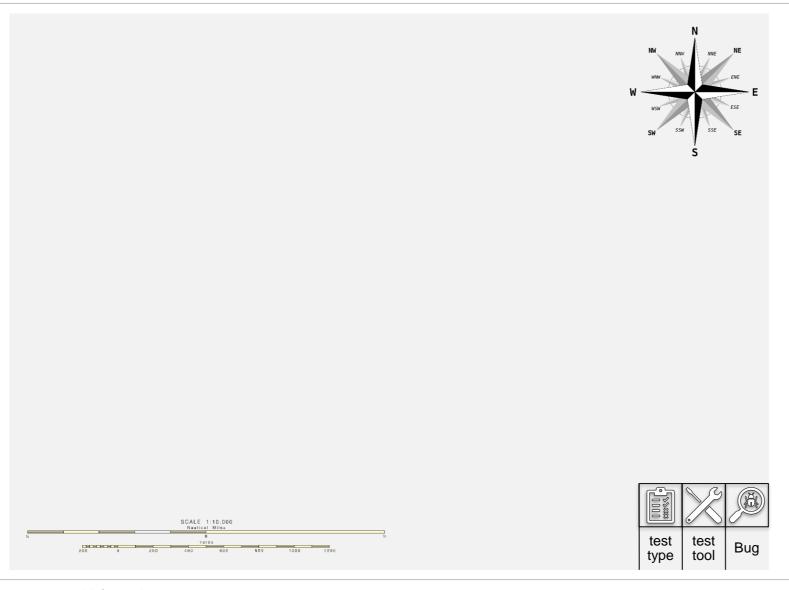
50+ Mio. Euro Gesamtleistung im Geschäftsjahr 2020/21 Leader (Agile)
Software Development
Internationales AnalystenBenchmark 2021, 2018, 2017

ZEISS 3. Juni 2022 Seite 3

QA Navigation BoardVenture into uncharted waters

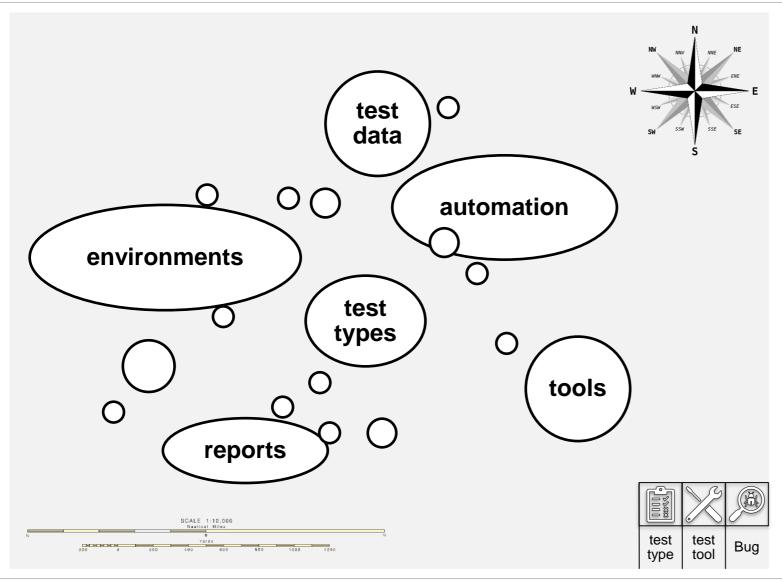






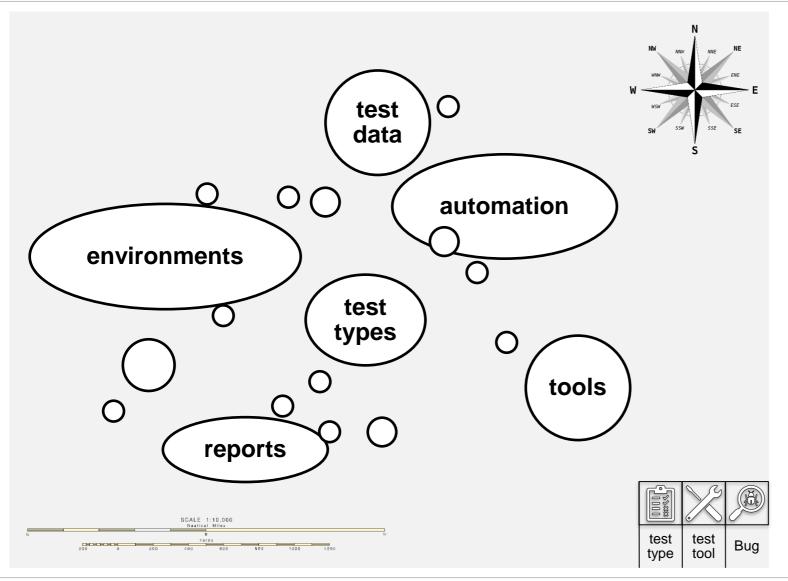






Venture into uncharted waters

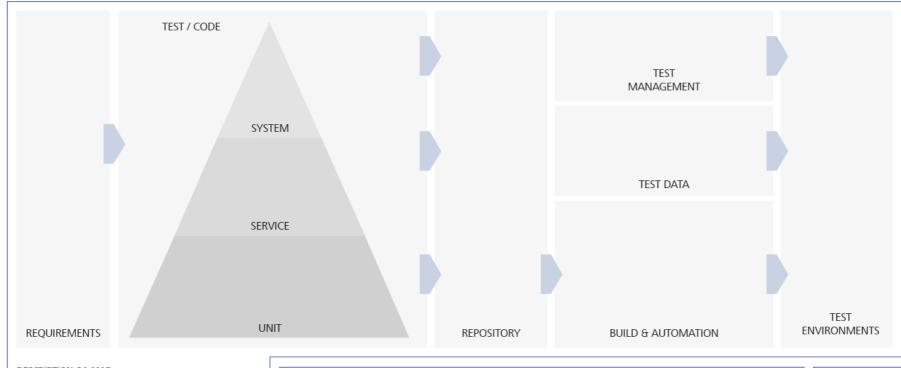






Test plan for the team





DESCRIPTION QA MAP

The teams can use the following questions to fill the QA Map and therefore to plan and document all necessary steps required for an optimal testability of their projects.

REQUIREMENTS

- What are the requirements?
- Do the requirements support the preparation of the test case?
- Can requirements and tests be linked?

TEST / CODE

- Where do we place the tests?
- Do we have the necessary skills?

REPOSITORY

- Where do we store the test artifacts?
- Are there different artifacts?

TEST MANAGEMENT

- How do we plan our tests?
- How do we document our tests?
- How do we report? And to whom?

- Where do we get the test data from?
- Do we need anonymization?
- How do we generate test data?

BUILD & AUTOMATION

- How much test automation is required?
- Do we need additional tools?
- How often do we want to build and test?

TEST ENVIRONMENTS

- Do we have an adequate environment for every test?
- Will we get in each other's way?



The tears can determine the alignment and definition of the weighting in the QA Octant. A higher weighting of a quality time implies the need for suitable tests. This characteristic represents the degree to which a product or system provides functions that meet stated and implied needs when used under specified condi-tions.

This characteristic represents the performance relative to the amount of recourses

Degree to which a system, product or component performs specified functions under specified conditions for a specified

QA Navigation Board:

Learn more about the



CONTACT

Carl Zeiss Digital Innovation GmbH Fritz-Foerster-Platz 2 01069 Dresden | Germany

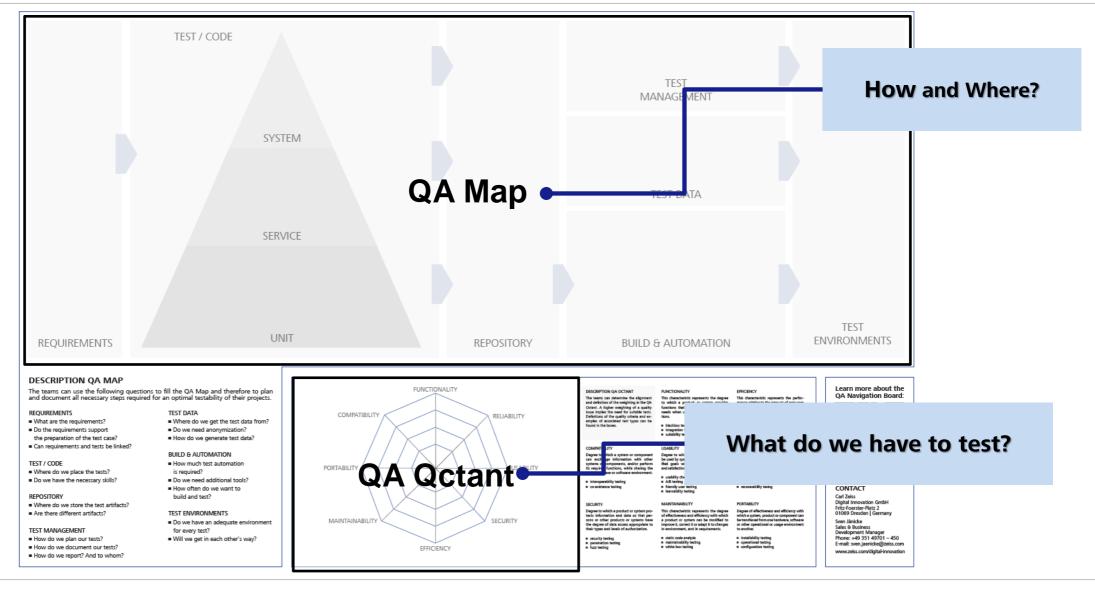
Sven Jänicke Sales & Business Development Manager Phone: +49 351 49701 – 450 E-mail: sven.jaenicke@zeiss.com

03.06.2022

www.zeiss.com/digital-innovatio

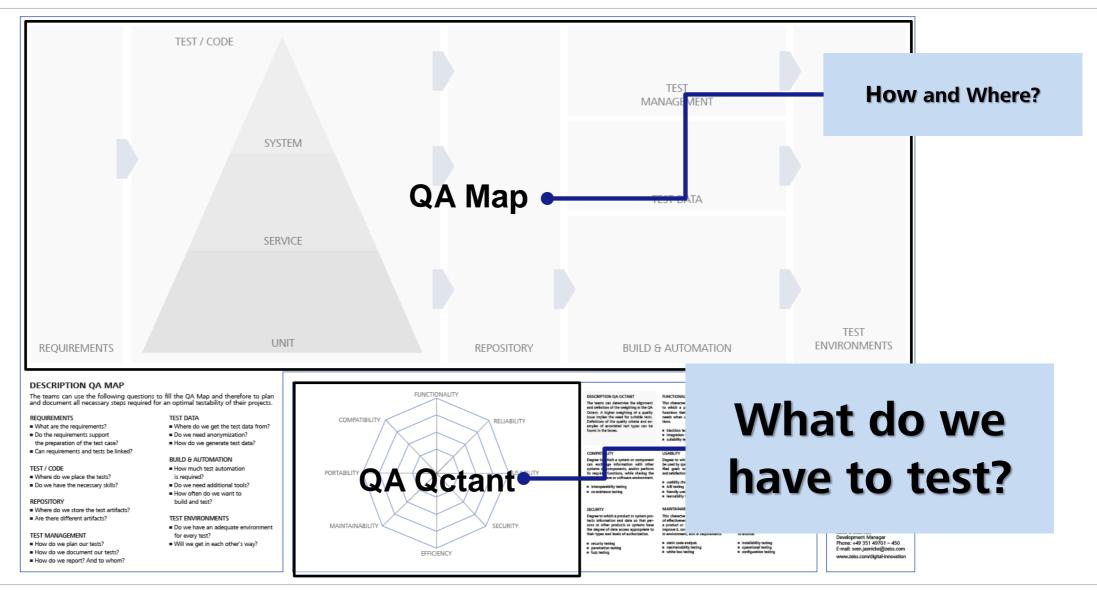
Test plan for the team





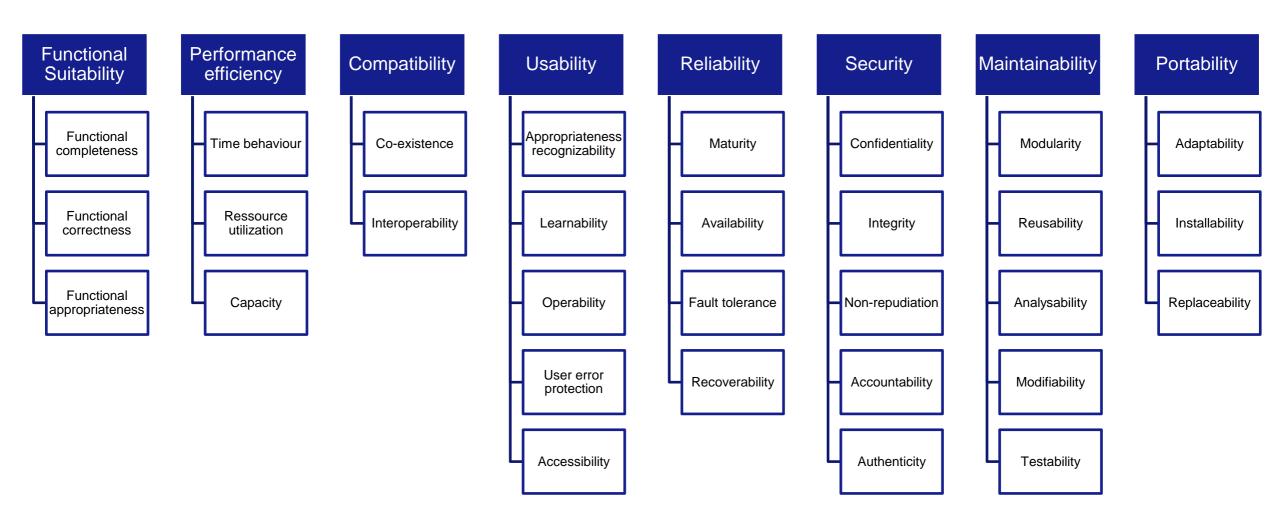
Test plan for the team





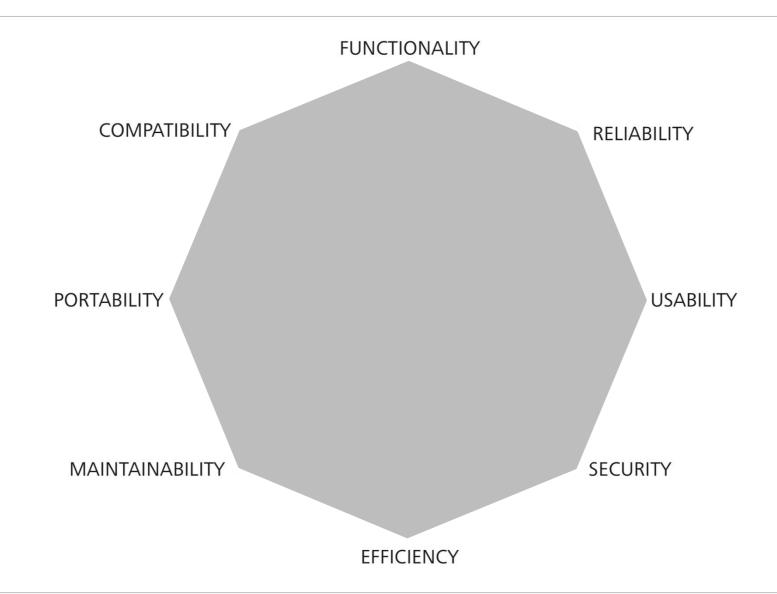
ISO 25010





QA Navigation BoardQA Octant





QA Navigation BoardQA Octant

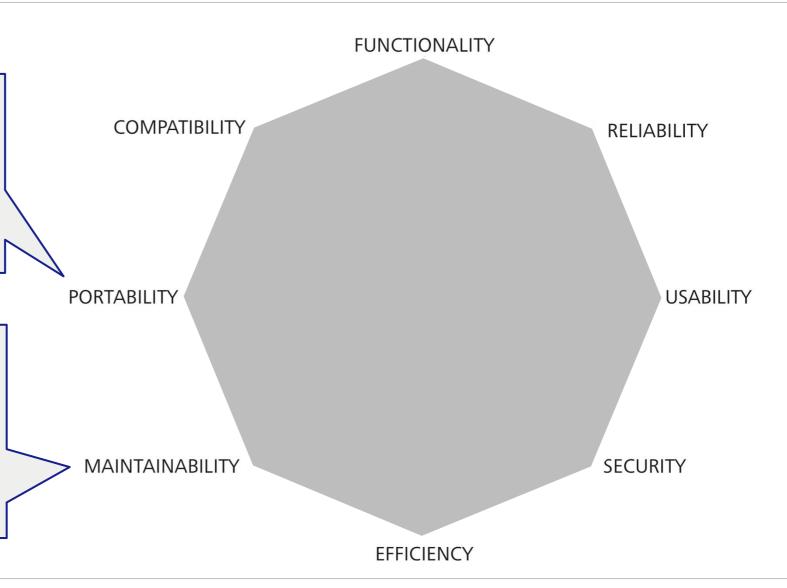


Portability

Degree of effectiveness and efficiency with which a system, product or component can be transferred from one hardware, software or other operational or usage environment to another.

Maintainability

This characteristic represents the degree of effectiveness and efficiency with which a product or system can be modified to improve it, correct it or adapt it to changes in environment, and in requirements.



QA Octant



Functionality

This characteristic represents the degree to which a product or system provides functions that meet stated and implied needs when used under specified conditions.

Efficiency

This characteristic represents the performance relative to the amount of resources used under stated conditions.

Compatibility

Degree to which a system or component can exchange information with other systems or components, and/or perform its required functions, while sharing the same hardware or software environment.

Usability

Degree to which a product or system can be used by specified users to achieve specified goals with effectiveness, efficiency and satisfaction in a specified context of use.

Reliability

Degree to which a system, product or component performs specified functions under specified conditions for a specified period of time.

Security

Degree to which a product or system protects information and data so that persons or other products or systems have the degree of data access appropriate to their types and levels of authorization.

Maintainability

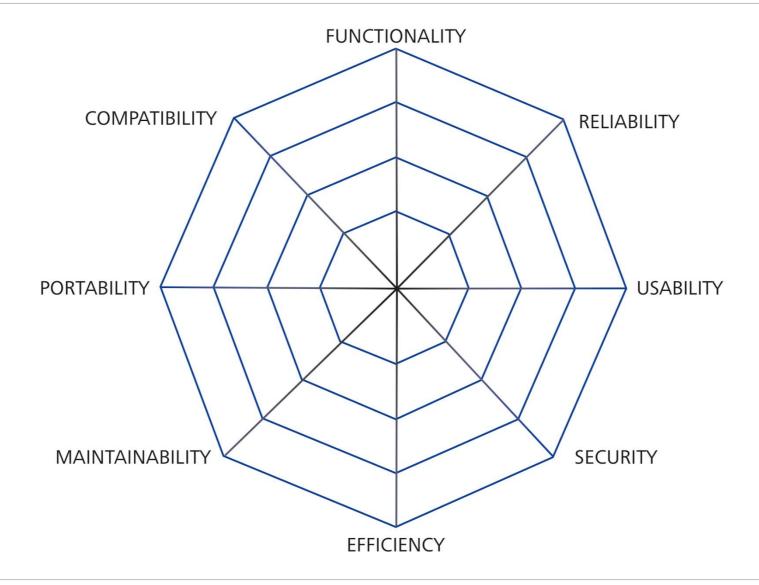
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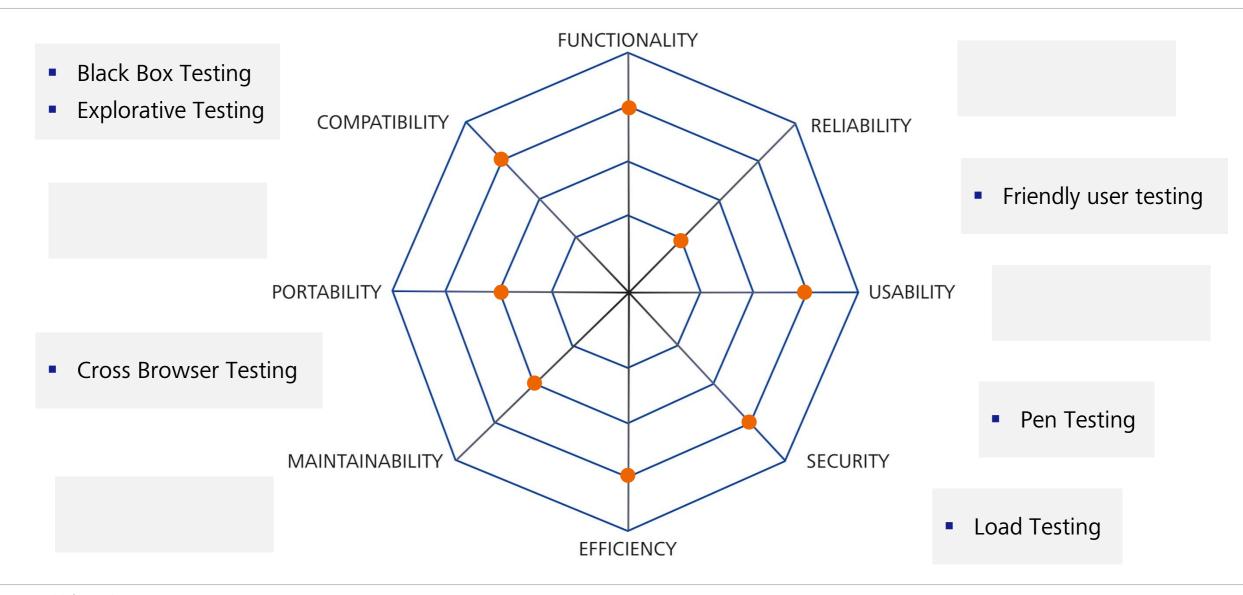


QA Octant



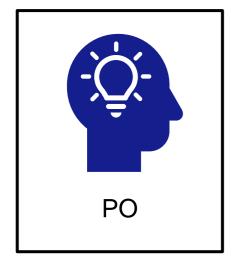
QA Octant





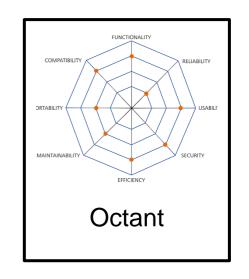
QA Octant Workshop

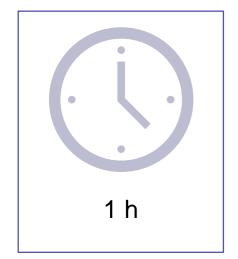


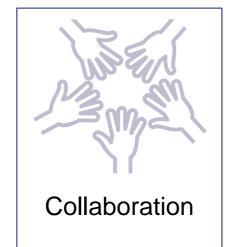










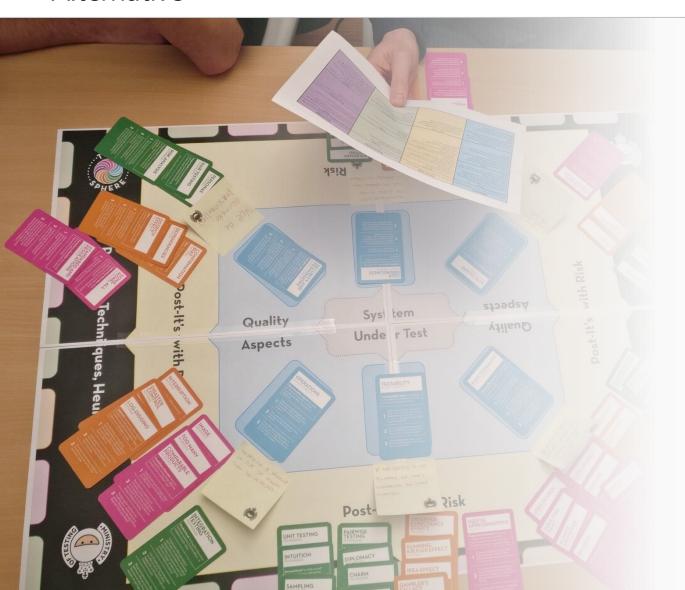






Alternative





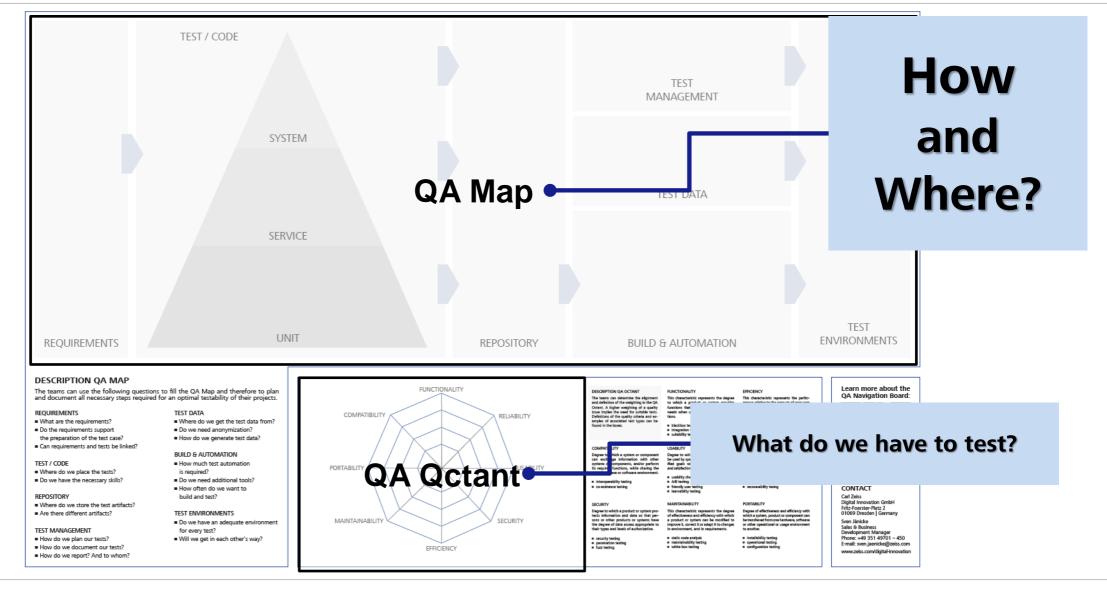
Riskstorming

... is a collaborative, strategic board game that focuses on identifying how to test risks that impact the imperative quality aspects of your product.

https://www.ministryoftesting.com/testsphere/riskstorming

Test plan for the team



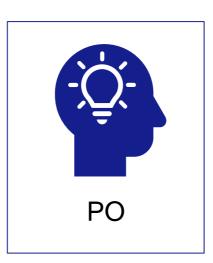


Workshop

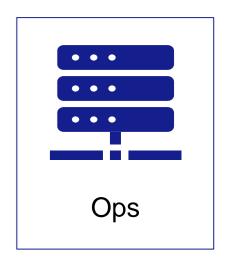


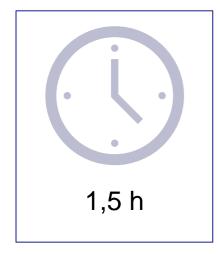


















QA Octant



Functionality

- Manual and automated black box testing
- Explorative testing

Usability

Friendly user testing

Security

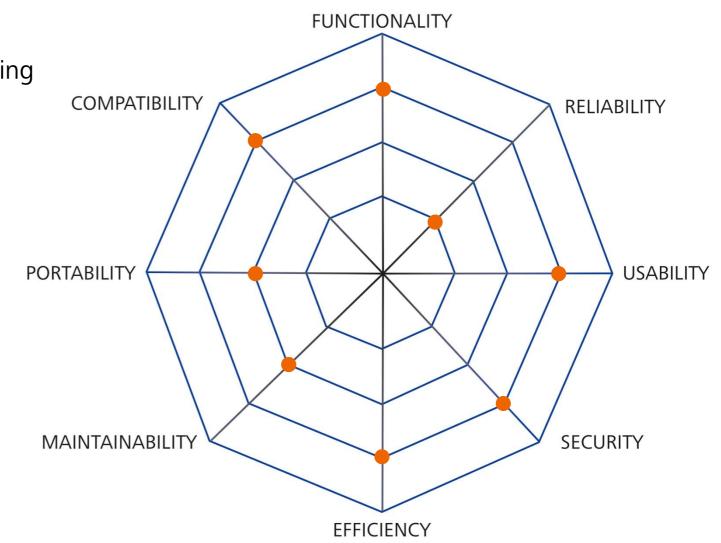
Pen testing

Efficiency

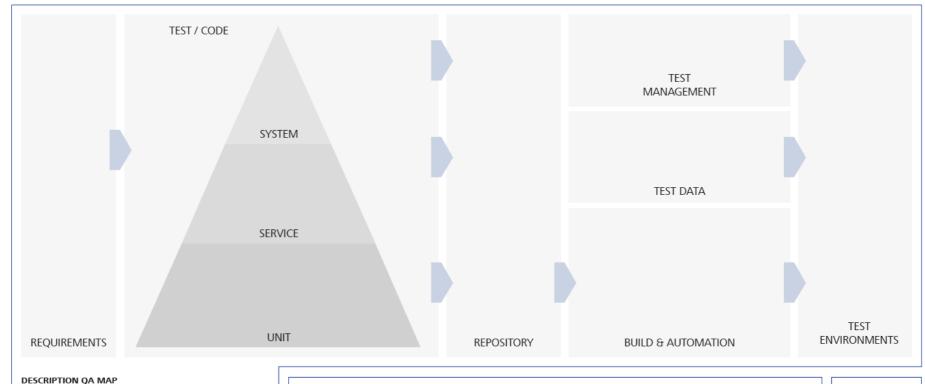
Load testing

Portability

Browser testing







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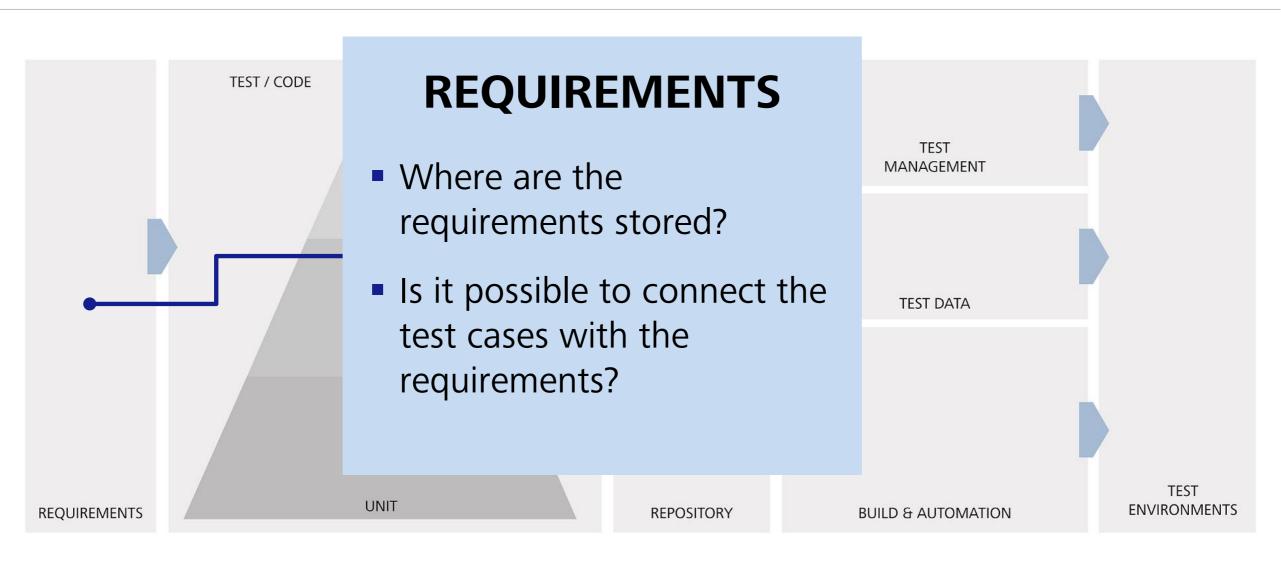
PORTABILITY



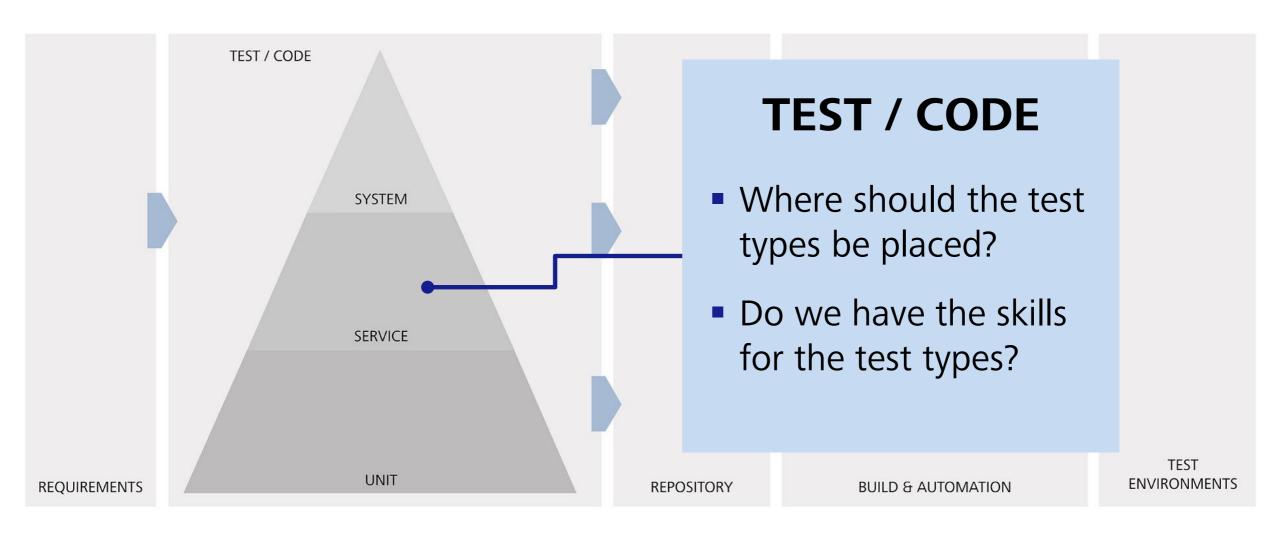
Carl Zeiss Digital Innovation GmbH Fritz-Foerster-Platz 2 01069 Dresden | Germany

Sven Jänicke Sales & Business Development Manager Phone: +49 351 49701 – 450 E-mail: sven.jaenicke@zeiss.com www.zeiss.com/digital-innovation

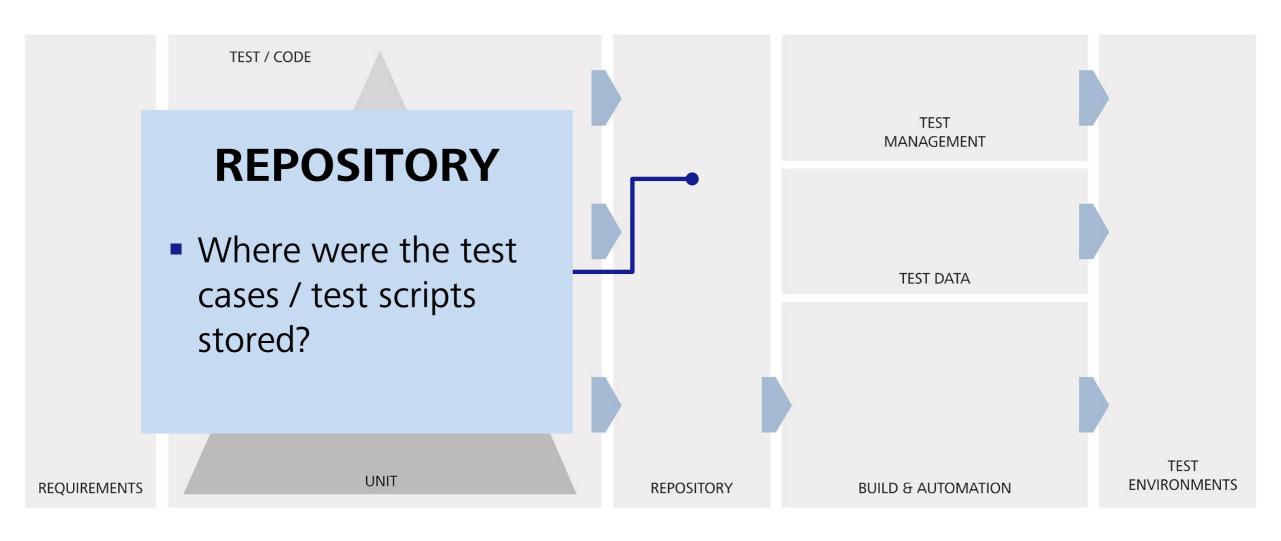




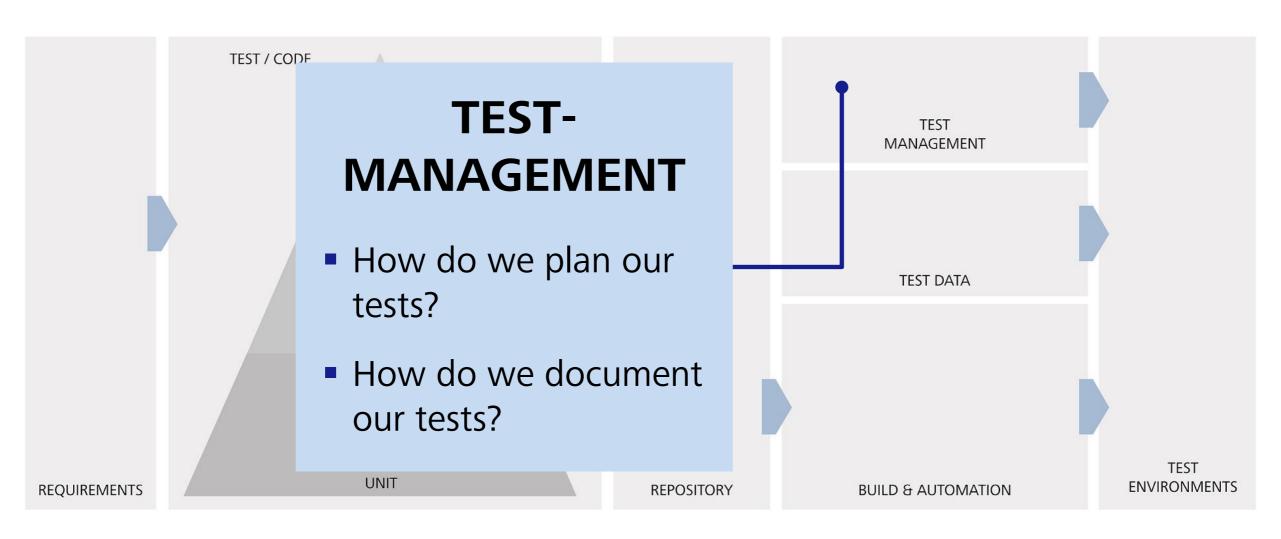




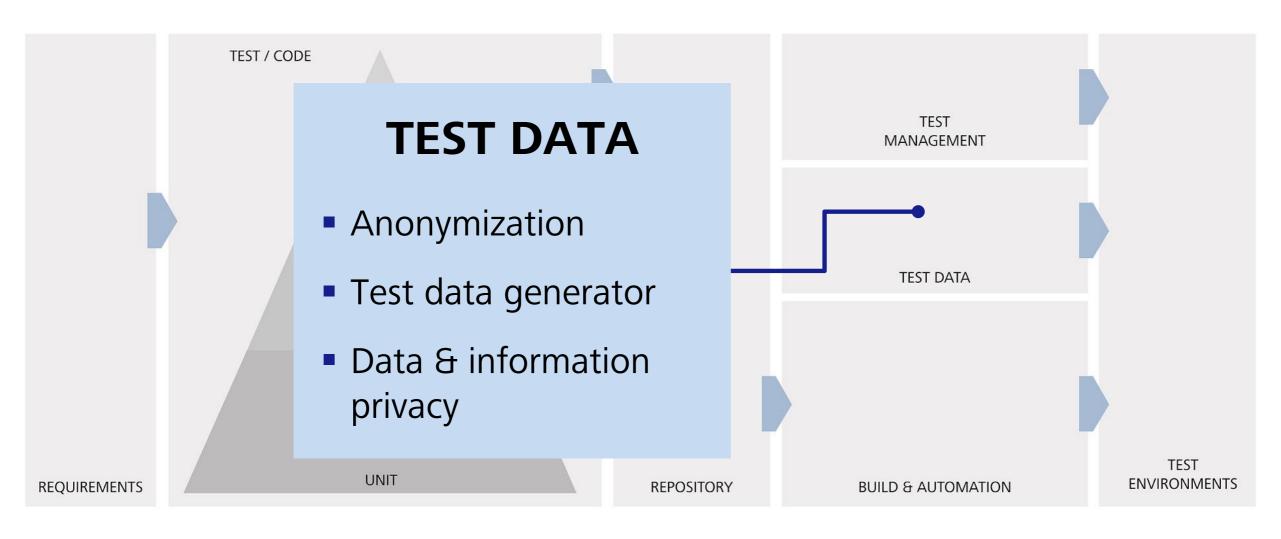




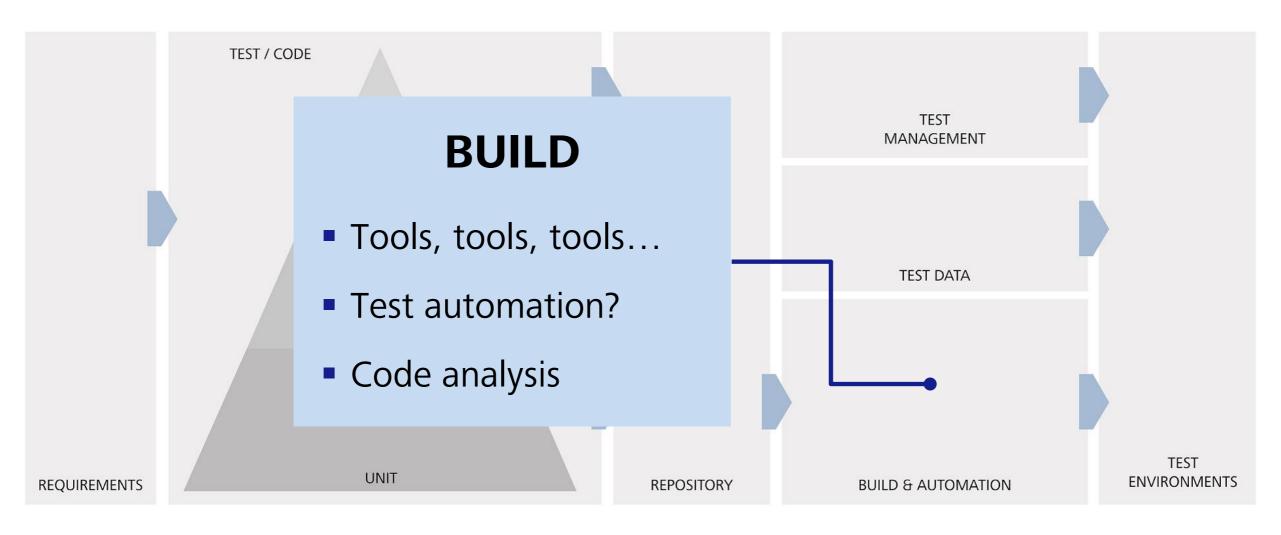




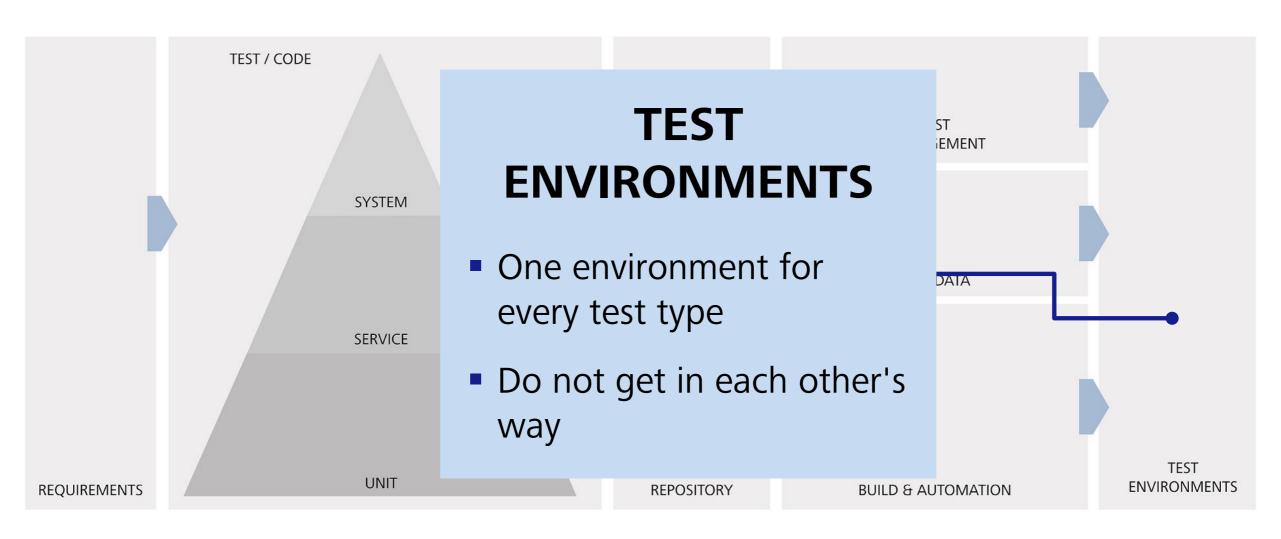






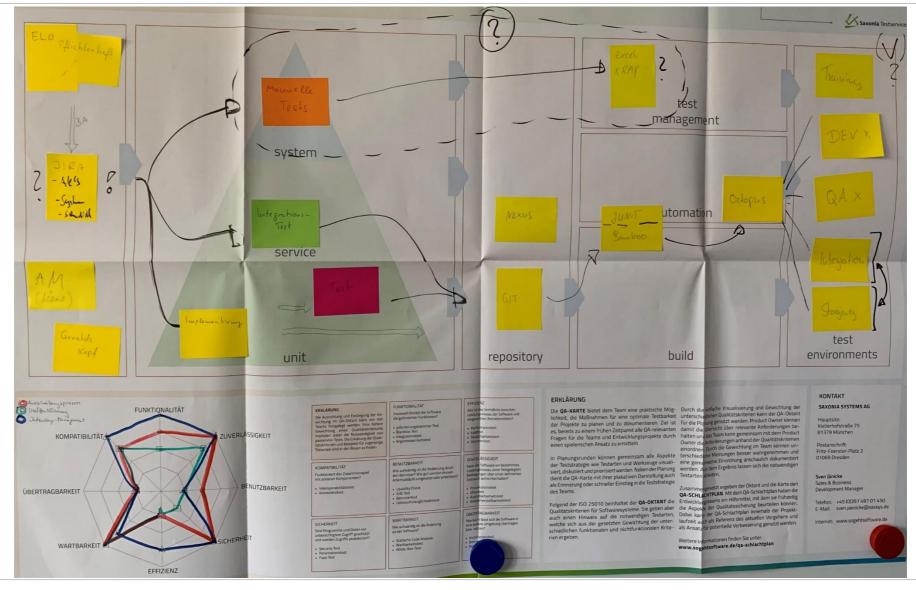






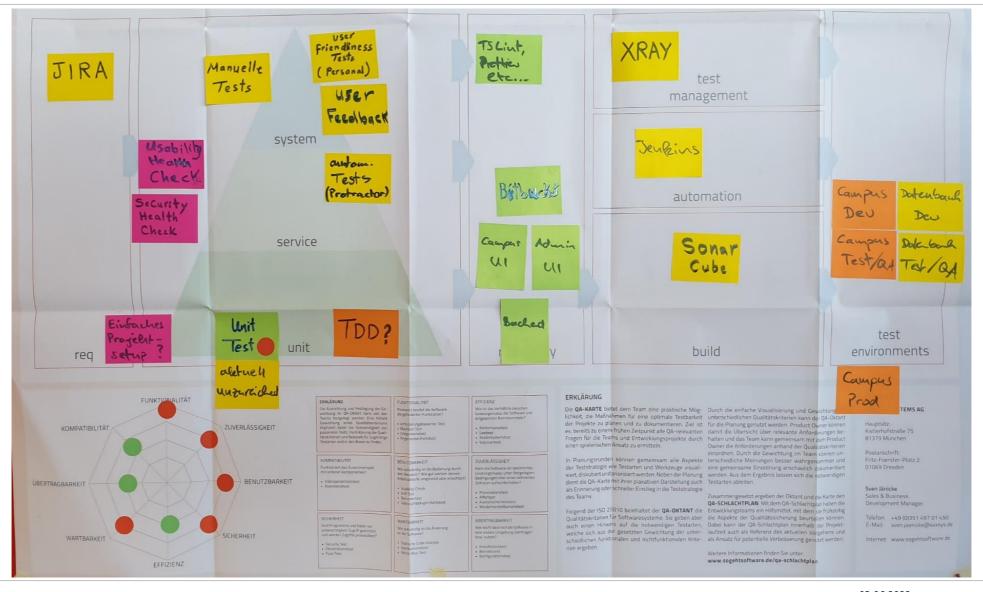
Examples





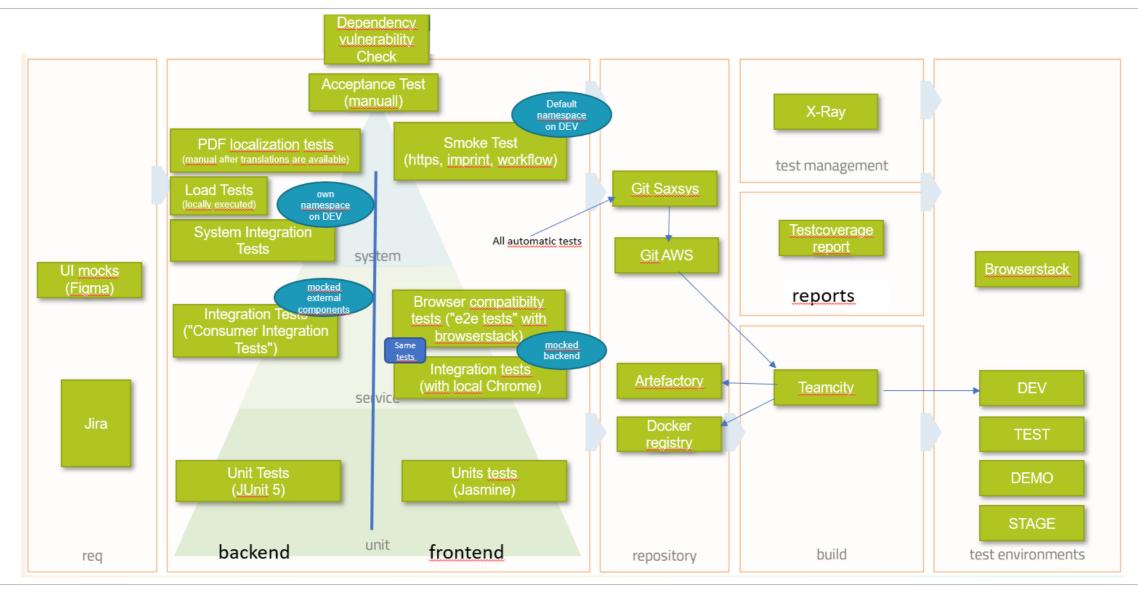


Examples





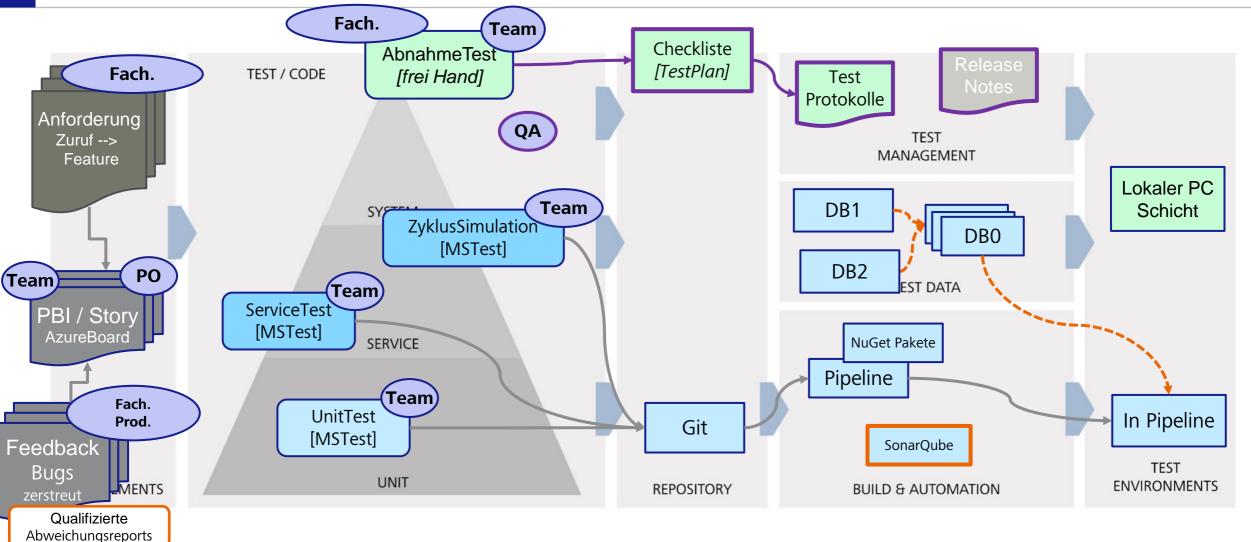
Examples



QA MAP

ZEISS

Team 1



ZEISS Digital Innovation

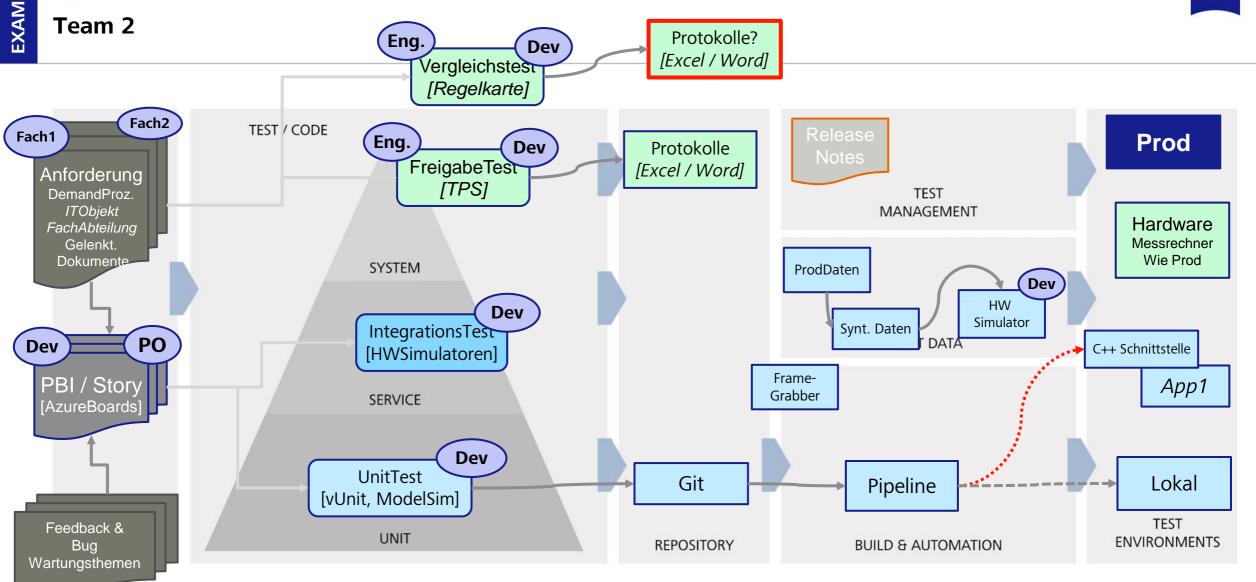
ToDo

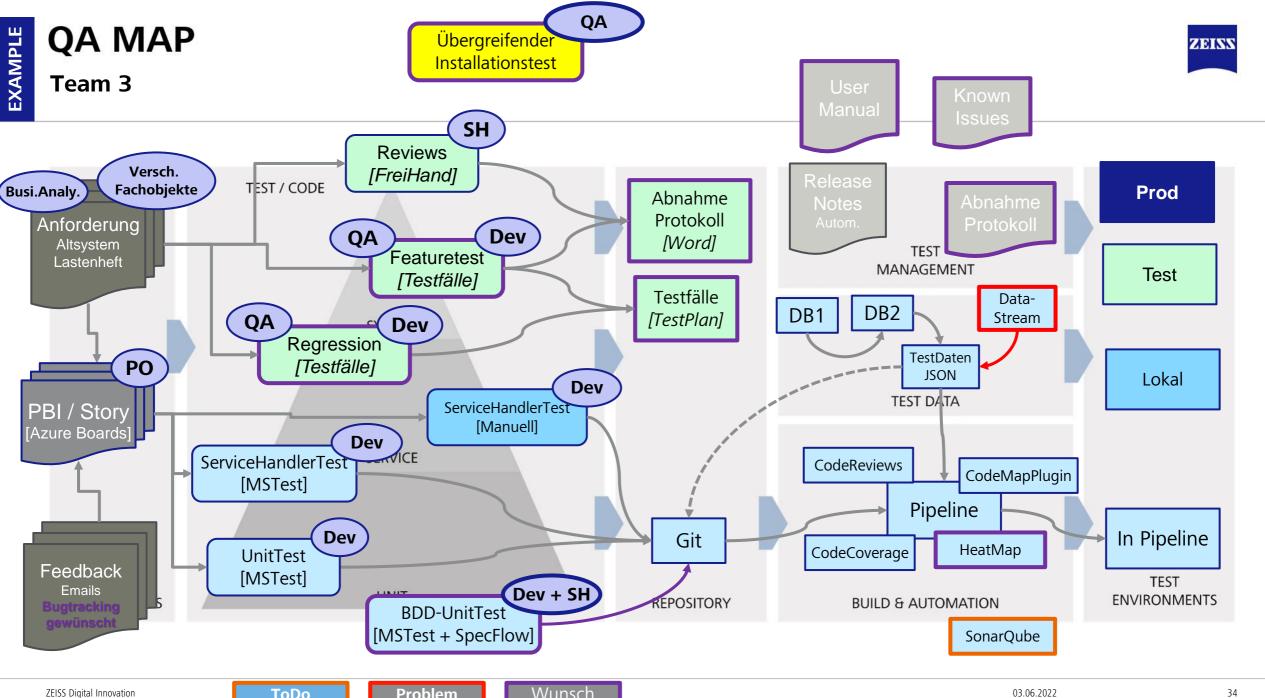
Problem

Wunsch

QA MAP



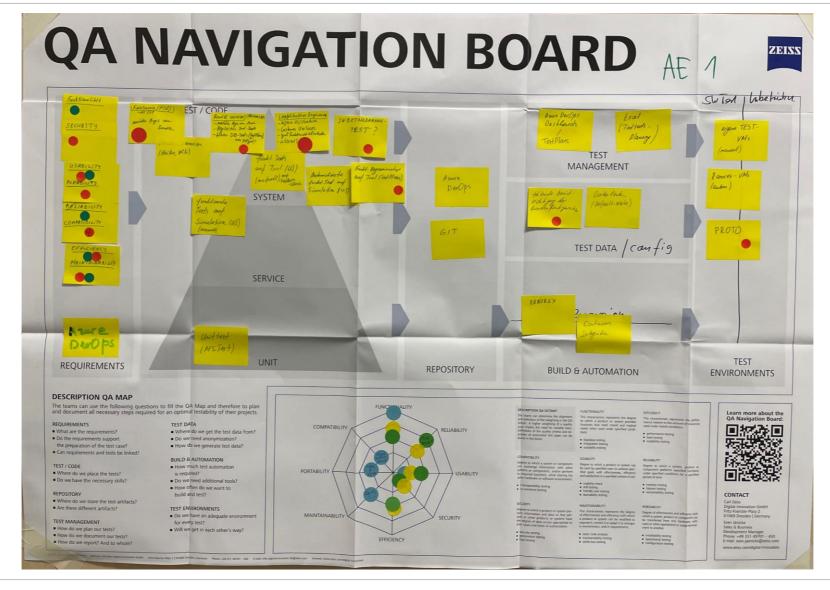




Problem Wunsch ZEISS Digital Innovation ToDo 03.06.2022









QA Navigation Board Examples



QA Navigation BoardConclusion



Visual aid for planning and anamnesis

Reference of the current procedure

Approach to potential improvement

Retrospektiven

Can be supplemented and combined with other tools

OnePageTestPlan, Risk Storming, Wiki etc.



https://blogs.zeiss.com/digital-
innovation/en/topic/qa-navigation-board/



Feedback



kay.grebenstein@zeiss.com





Seeing beyond