

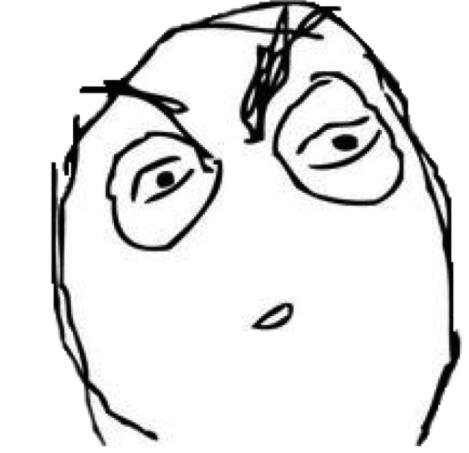


TESTCLASH

Automation vs. Exploration

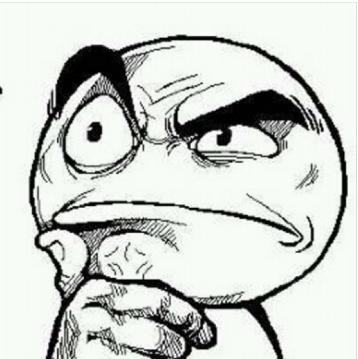


Problem



But who is going to test
the tests of the tests?

It's hard to find the right balance
between automation and exploration



Some misconceptions & common problems

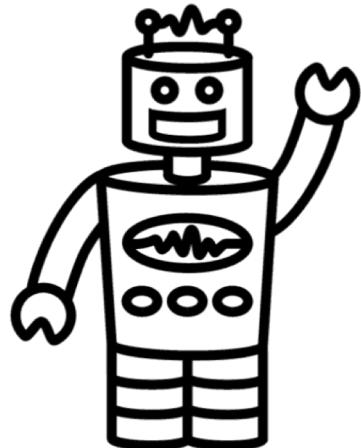
- All testing can be automated
- Automation replaces testers
- Fixation on regression testing
- Automation OR Exploration
- Automation needs to be repeatable
- Automation needs to be repeatable
- Automation needs to be repeatable
- Test automation and testing is lame for testers



Cases

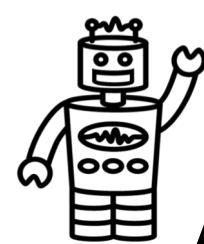
- We will present short cases from our experience
- What solution would you chose: automate or explore?

← Go the left of the room if you chose Automation



Go the right of the room if you chose Exploration →

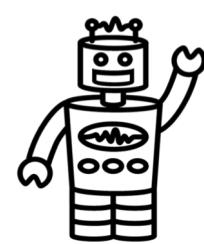




A11y (accessibility)

- **Accessibility Testing** is defined as a type of Software **Testing** performed to ensure that the application being tested is usable by people with disabilities like visually impaired, colour blindness, old age and other disadvantaged groups.



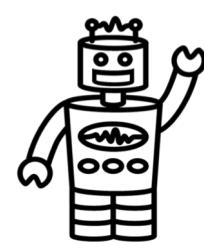


Dancing ponies

- Dancing ponies, when a developer or tester puts a configuration or a feature in testing that should not be in production. For example, a nice dancing pony picture as our logo.

The screenshot shows the homepage of the website for 'Improve Quality Services'. On the left, there's a vertical navigation menu with links to Home, Consultancy & Interim, Training, Sectoren, Kenniscentrum, Over Improve, Vacatures, Nieuws, Contact, English, and a search bar. Below the menu, there are social media icons for LinkedIn, Twitter, and YouTube. The main content area features a photograph of four people (three men and one woman) standing together. To the left of the photo is an orange banner with the 'Improve' logo and the text 'QUALITY SERVICES'. Below the banner, it says 'Uw partner in IT-kwaliteit door requirements engineering, kwaliteitsmanagement en testen'. To the right of the photo is a blue banner with the text 'adviseren. leren. doen.' Below the photo, there are two sections: 'Training' and 'Consultancy & Interim'. The 'Training' section describes innovative and accredited training programs for testers, analysts, requirements engineers, and developers. The 'Consultancy & Interim' section describes expertise in software testing, requirements engineering, and agile work. At the bottom, there are links for 'Testen', 'Testautomatisering', 'ISTQB Foundation', 'ISTQB Advanced', 'ISTQB Expert', and 'TMap'.

The screenshot shows the 'Consultancy & Interim' page of the website. The layout is similar to the home page, with the same vertical navigation menu and social media icons. The main content area features the same photograph of four people. To the right of the photo is a blue banner with the text 'adviseren. leren. doen.'. Below the photo, there is a large orange banner featuring a cartoon drawing of two dancing ponies. To the right of the ponies, there is a blue banner with the text 'adviseren. leren. doen.'. Below the ponies, there is a section titled 'Consultancy & Interim' which describes expertise in software testing, requirements engineering, and agile work. At the bottom, there are links for 'Testen', 'Testautomatisering', 'ISTQB Foundation', 'ISTQB Advanced', 'ISTQB Expert', and 'TMap'.



Responsive web design

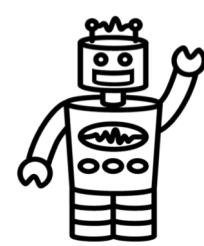
- Responsive web design is an approach to web design that makes web pages render well on a variety of devices and window or screen sizes.



The screenshot shows the homepage of the Improve Quality Services website. The header features a navigation menu with links to Home, Consultancy & Interim, Training, Sectoren, Kenniscentrum, Over improve, Vacatures, Nieuws, Contact, and English | . Below the menu is a large orange banner with the company logo 'Improve' and 'QUALITY SERVICES'. To the right of the banner, four people are shown in a group photo. A blue diagonal shape covers the right side of the banner and part of the main content area. The text 'adviseren. leren. doen.' is visible within this shape. The main content area contains sections for 'Training' and 'Consultancy & Interim', each with a brief description and a 'Read more' link. At the bottom are links for 'Testen' and 'Testautomatisering'.



The screenshot shows a sub-page under the 'Training' category. The top features a banner with three people and the text 'adviseren. leren. doen.'. Below the banner, there's a section titled 'Training' with a sub-section for 'ISTQB Foundation'. The page also includes a sidebar with a profile picture of a person in a dynamic pose and a 'TMap' link.



Functional regression

- **Regression Testing** is defined as a type of software testing to confirm that a recent program or code change has not adversely affected existing features.



Solutions

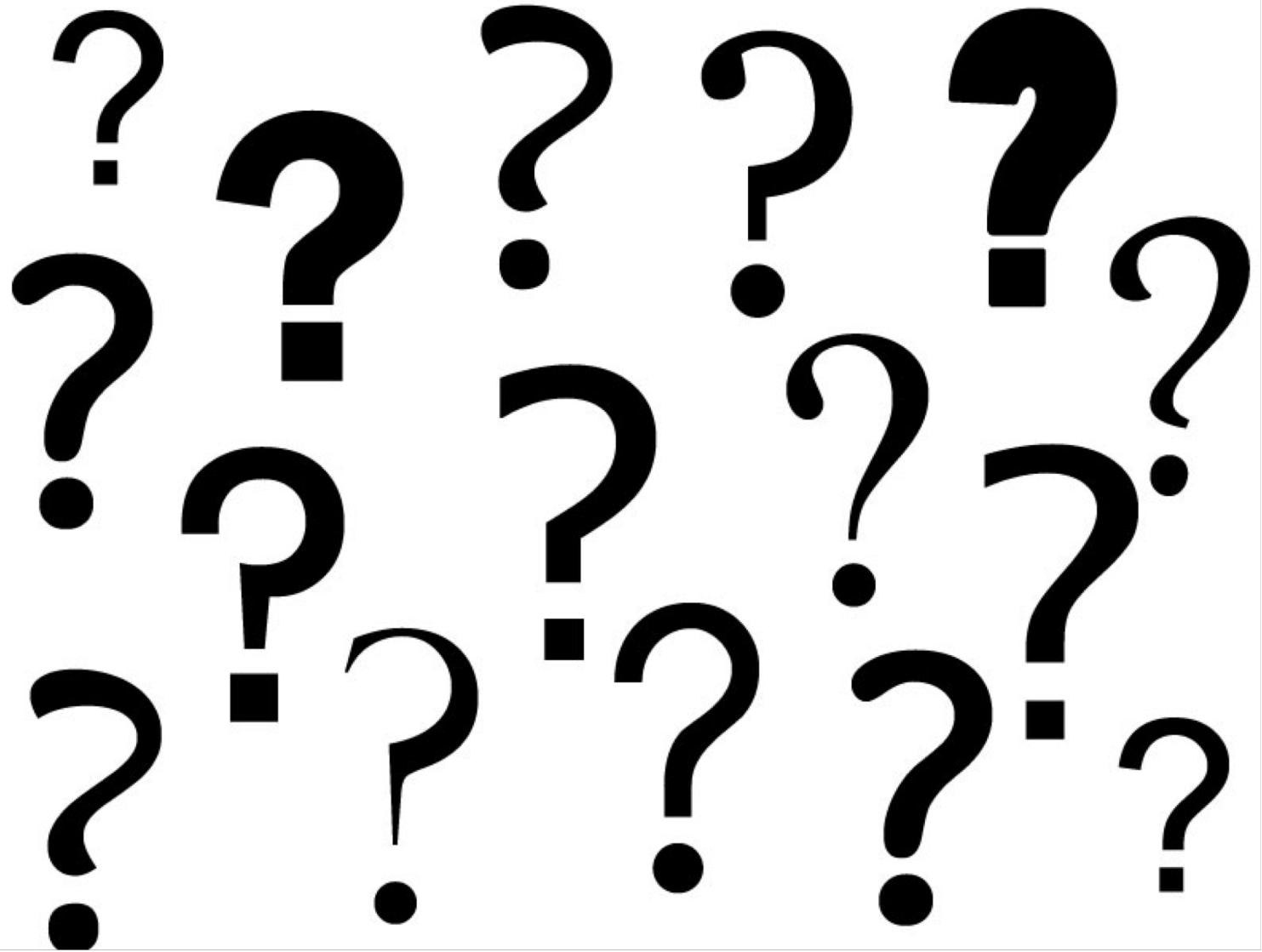
- Automation in test is a test design & strategy challenge
- Testability enables checking and exploration
- It's a continuous process with several solutions
- Collaboration is key



You will need both Automation & Exploration!

exploration enables automation

automation enables exploration



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Improve
QUALITY SERVICES