

Testautomation: waardevol of verkwisting van `silver bullets`?

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Agenda

1. Introductie
2. Waardevol of Verkwisting?
3. Ultieme doel
4. De weg naar het ultieme doel
5. Samenvatting



1. Introductie

- Heini Veneberg; 47 jaar
- Technisch Manager/Senior Testmanager



Belastingdienst



kadaster



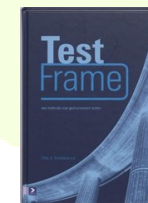
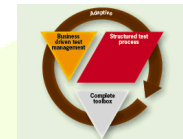
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Stichting Kinderhulp
Tsjechnybramp Wit Rusland



Universiteit Twente
de ondernemende universiteit



2. Waardevol of verkwisting? (1/2)

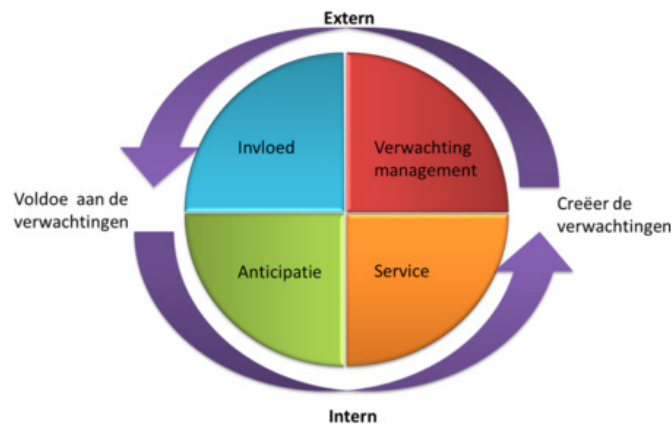
waardevol (zn):

kostbaar

waardevol (bn):

belangrijk, bruikbaar,
degelijk, nuttig

Verkwisting => Waste(s) (also known as **rubbish, trash, refuse, garbage, junk**, and **litter**) is a pejorative term for unwanted materials.
The term can be described as subjective and inaccurate **because waste to one person is not waste to another.**



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2. Waardevol of verkwisting? (2/2)



Halfautomaat



Volautomaat

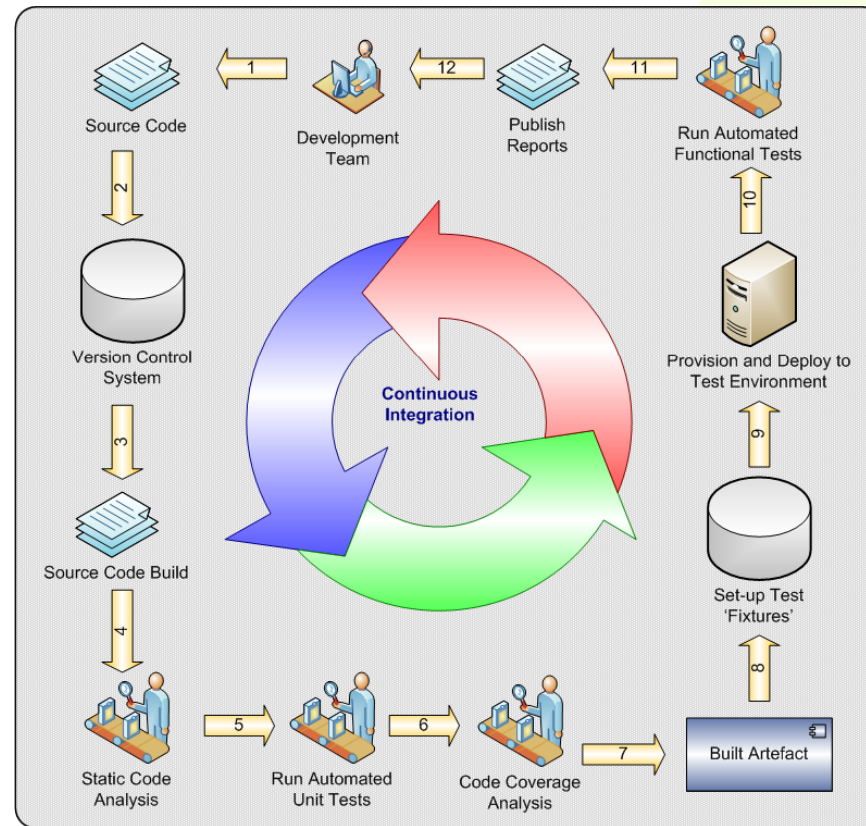


Versus

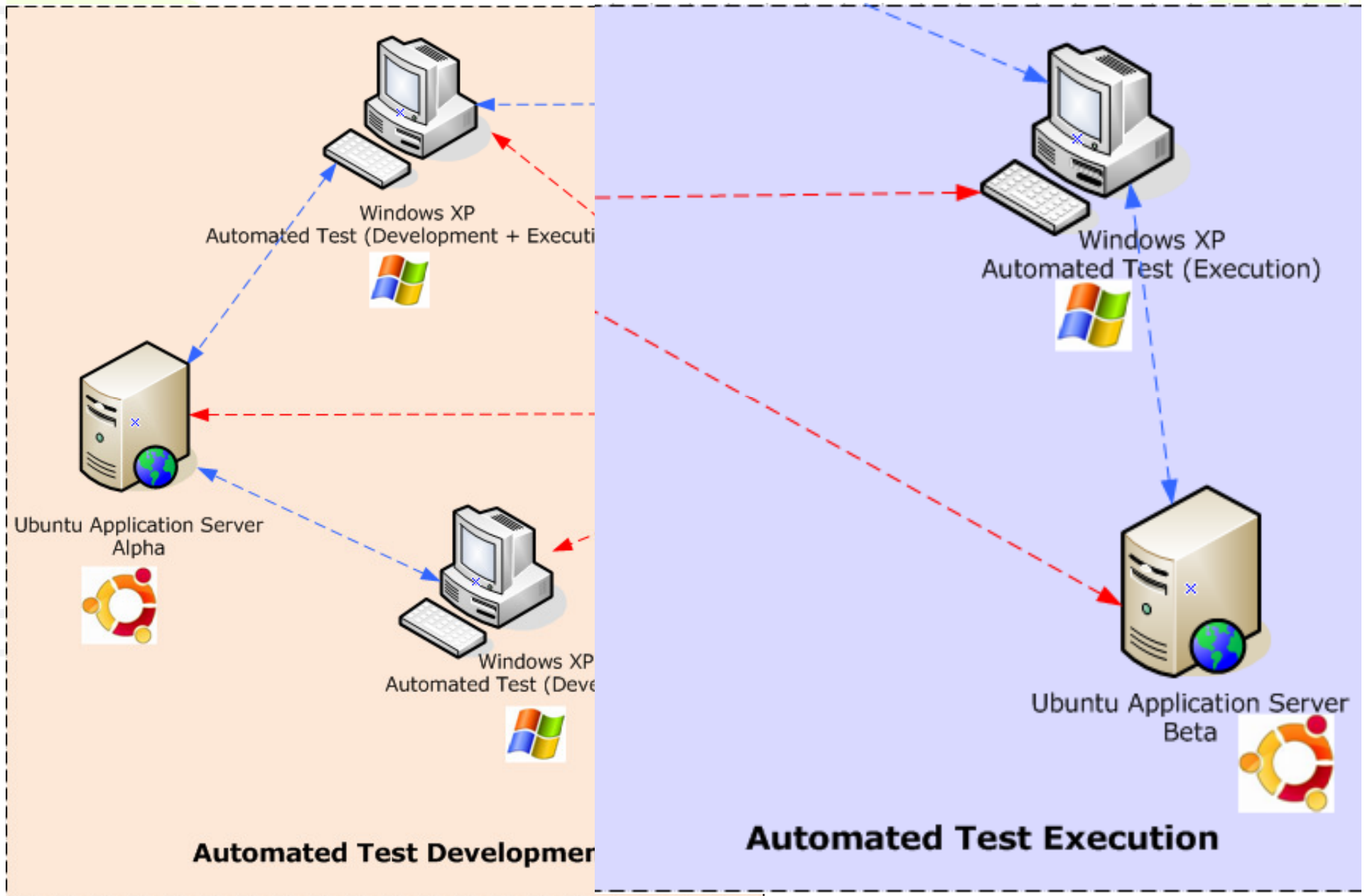


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3. Ultieme doel (1/2)



3. Ultieme doel (2/2)



4. De weg naar het ultieme doel (1/3)



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4. De weg naar het ultieme doel (2/3)



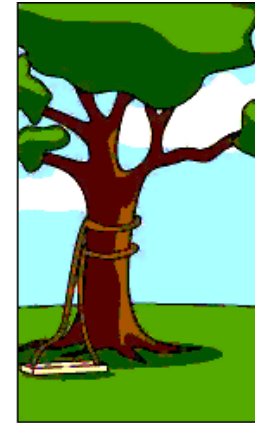
How the customer explained it



How the project leader understood it



How the Analyst designed it



How the Programmer wrote it



How the Business Consultant described it



How the project was documented



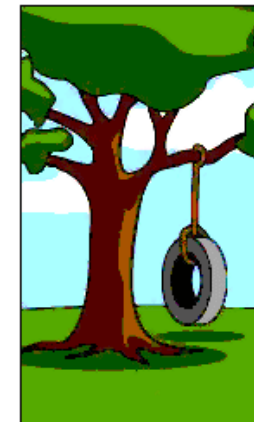
What operations installed



How the customer was billed



How it was supported



What the customer really needed



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4. De weg naar het ultieme doel (3/3)

- a) Eisen aan het te testen product cq. project
- b) Boundaries van het te testen product
- c) Test tooling
- d) Testdata
- e) Bouwen van test framework
- f) Inzet gebied
- g) PR mbt automatisch testen



4a. Eisen aan het te testen product cq. project



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4b. Boundaries van het te testen product

Eisen/Boundaries van het te testen product

1. Wat zijn de Input/Output
2. Welk type van Input/Output kun je onderscheiden
3. Wat is de dynamica
4. Wat zijn de non-functionele requirements
 - a) Installeerbaarheid – wel/niet automatisch
 - b) Performance gedrag

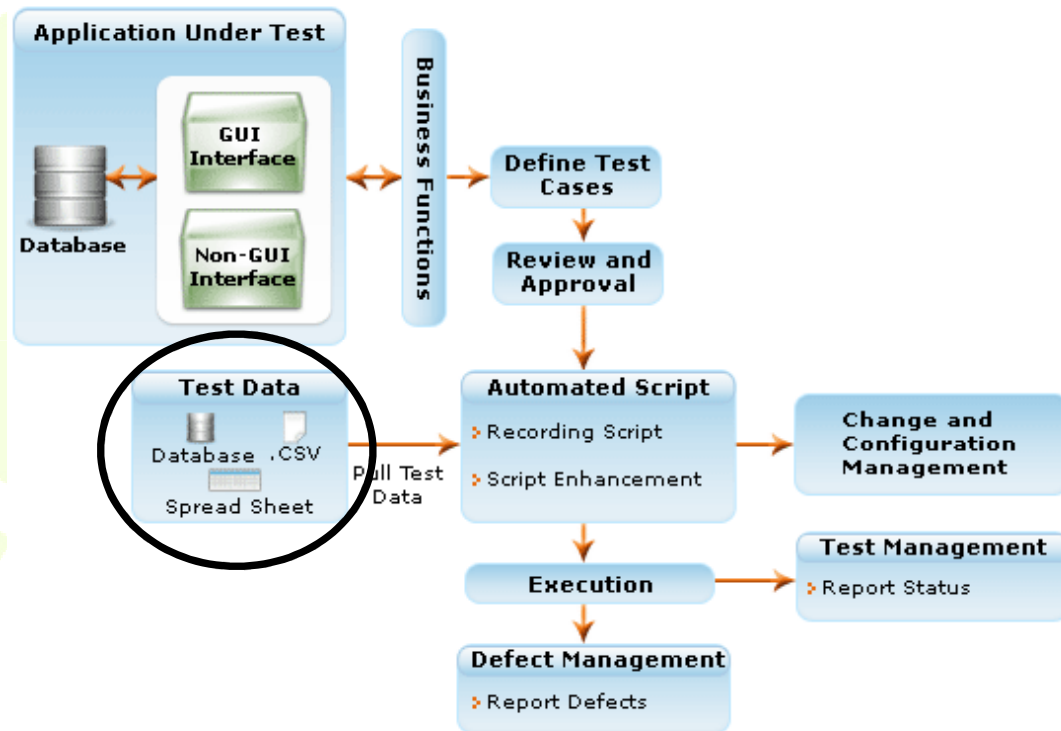


4c. Test tooling



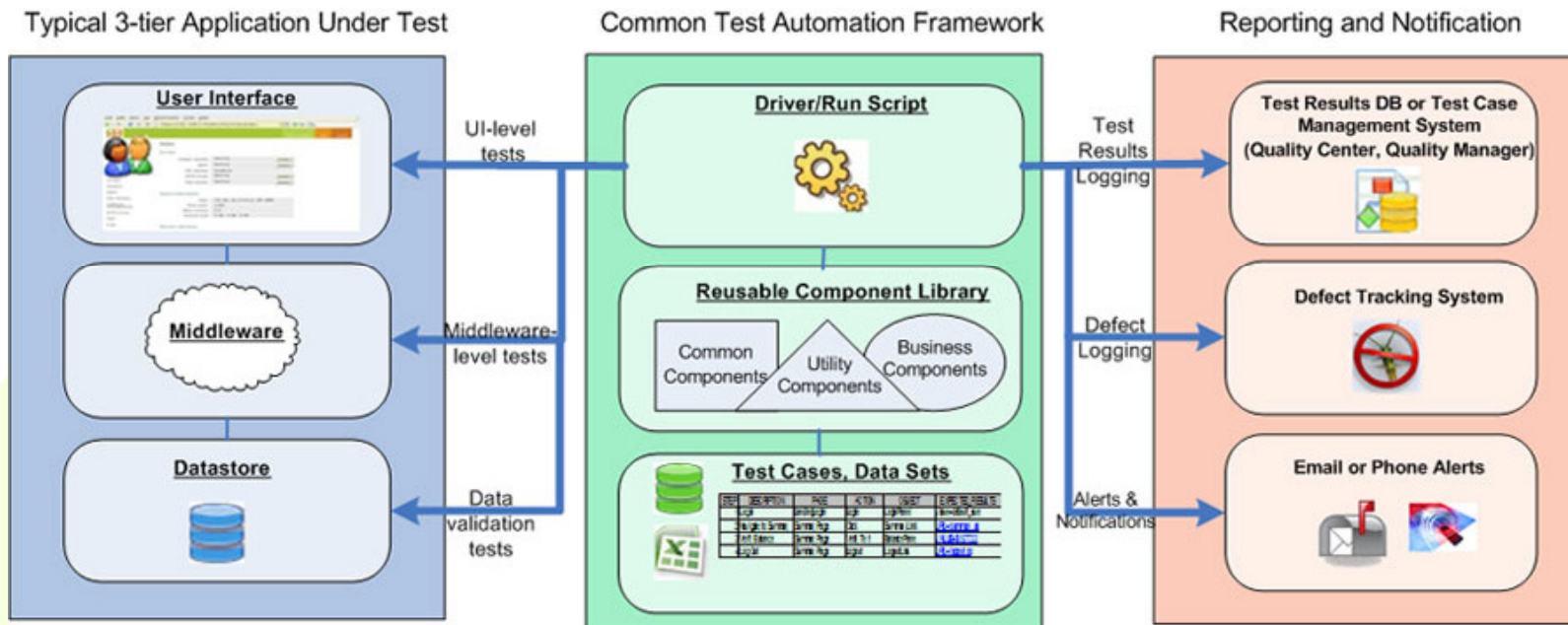
4d. Testdata

Test Automation Architecture

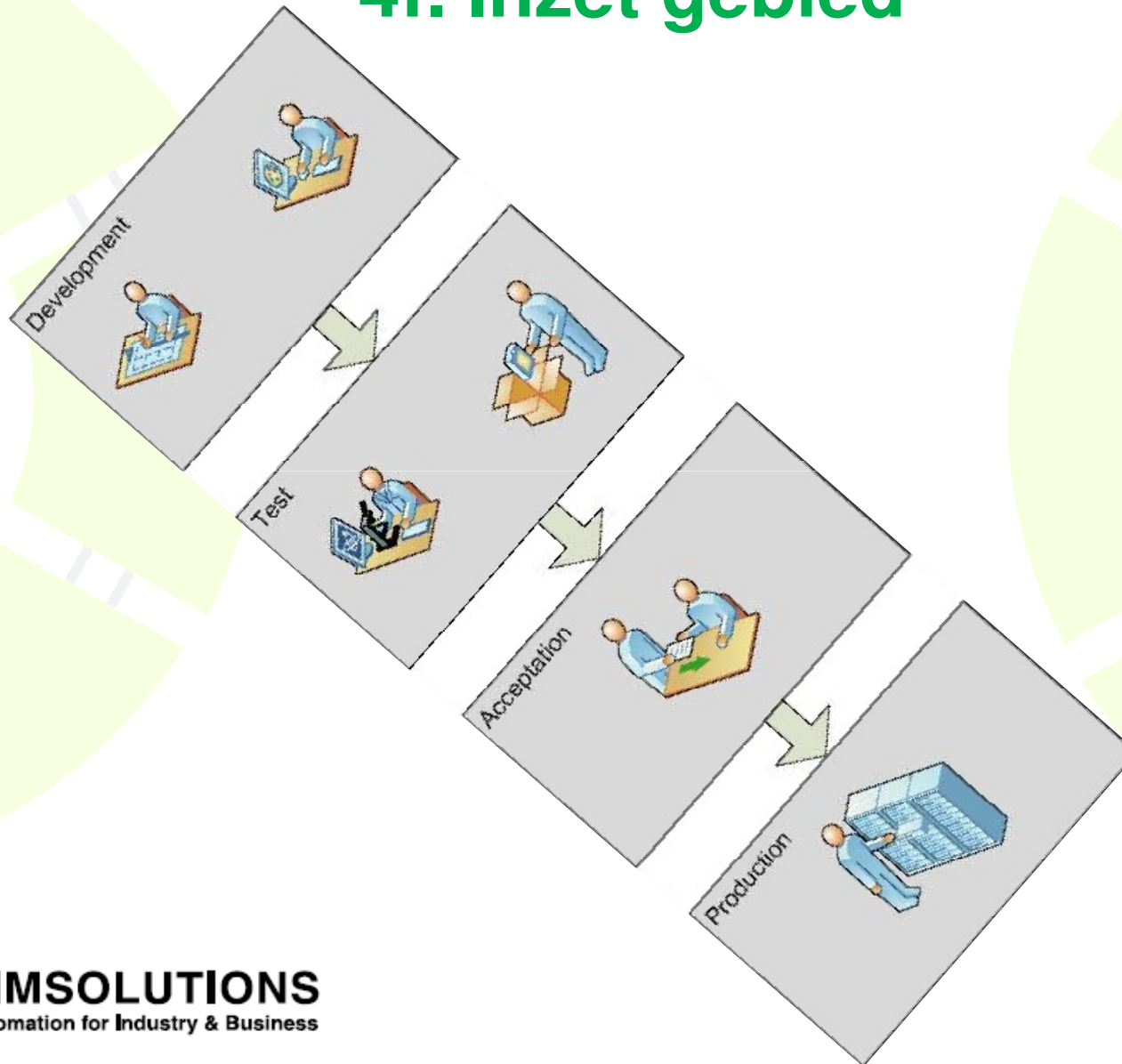


4e. Bouwen van test framework

High-level Diagram of Test Automation Architecture



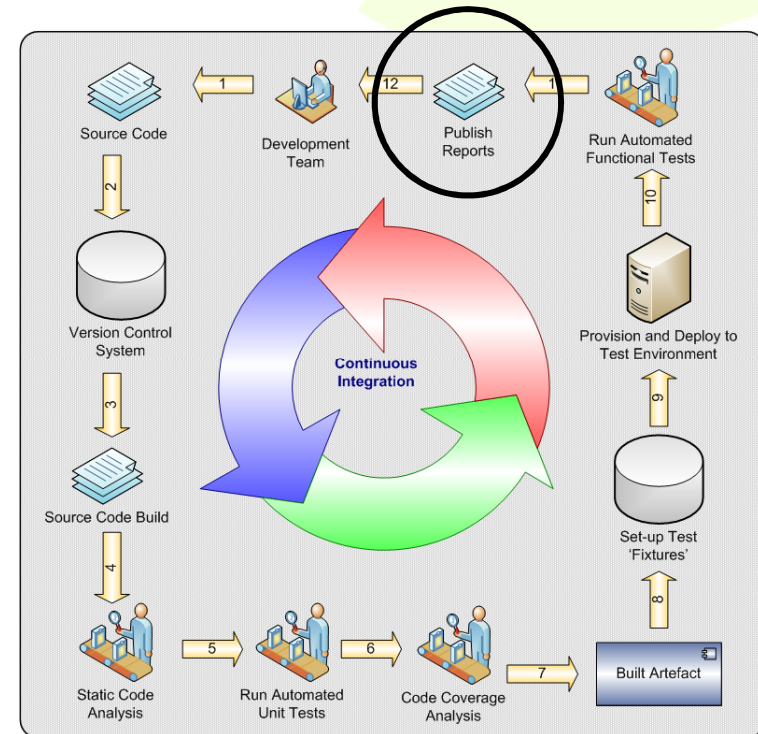
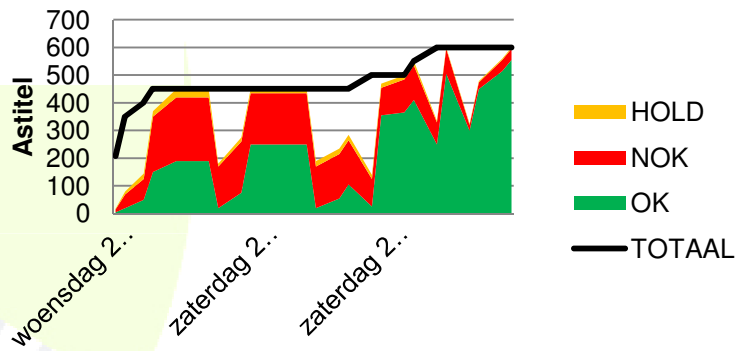
4f. Inzet gebied



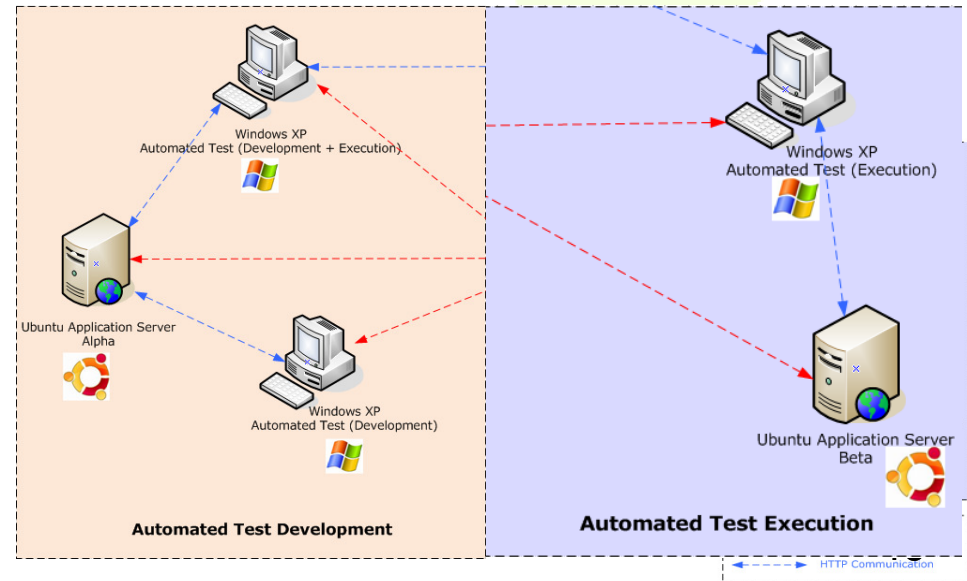
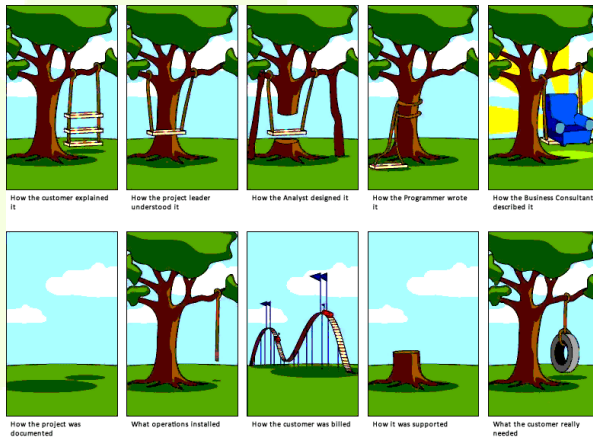
4g. PR mbt automatisch testen



Test voortgang



5. Samenvatting



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Vragen?



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