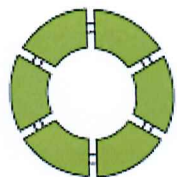


# Is jouw organisatie/project klaar voor testautomatisering?

Heini Veneberg

11 oktober 2016



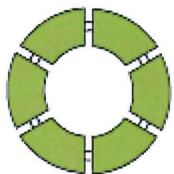
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Learn, create  
and make  
it work

# Agenda

1. Introductie
2. Succes of een worsteling?
3. Succesvol invoeren
4. Samenvatting

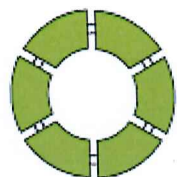


# 1. Introductie

- Heini Veneberg; 51 jaar
- Technisch Manager/Senior Testmanager



Belastingdienst



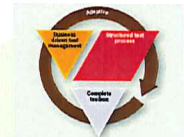
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Stichting Kinderhulp  
Tsjernobyleramp Wit Rusland



Universiteit Twente  
de ondernemende universiteit



# Succes of een worsteling?

Halfautomaat

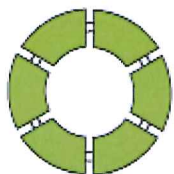
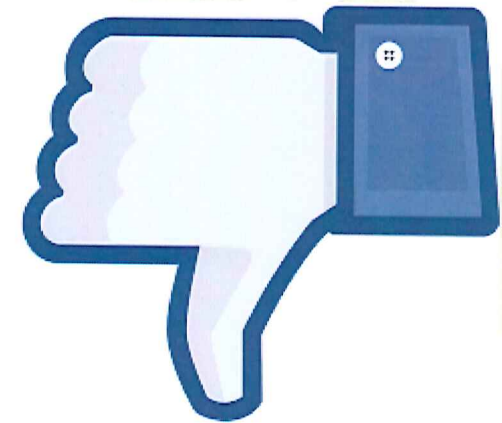
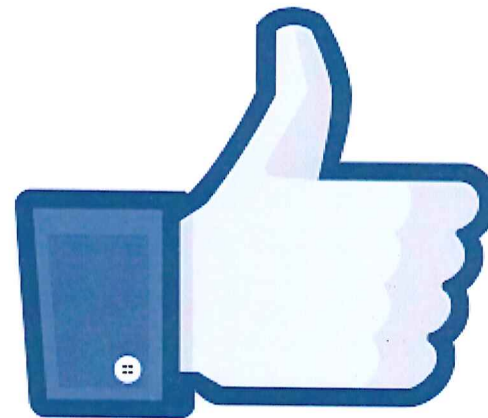


Volautomaat



Versus

- Wie is er succesvol met testautomatisering?



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# Succesvol invoeren



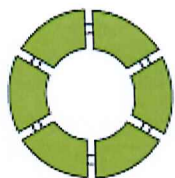
- GESCHIKT
- ONGESCHIKT



Wijs je een vinger naar de ander...



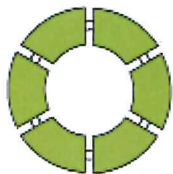
dan wijzen er drie naar jezelf!



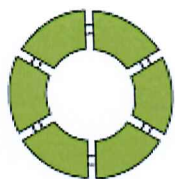
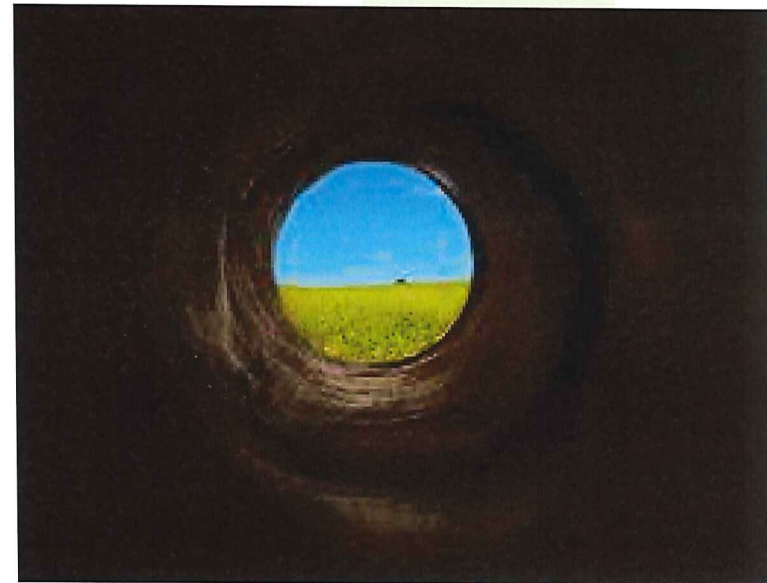
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# Succesvol invoeren

- a) Mens versus Automaat
- b) Handmatig
- c) Test tooling invoeren
- d) Testomgeving
- e) Test-framework



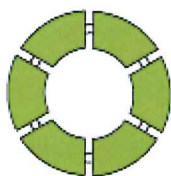
## a. Mens versus Automaat (1/3)



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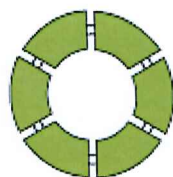
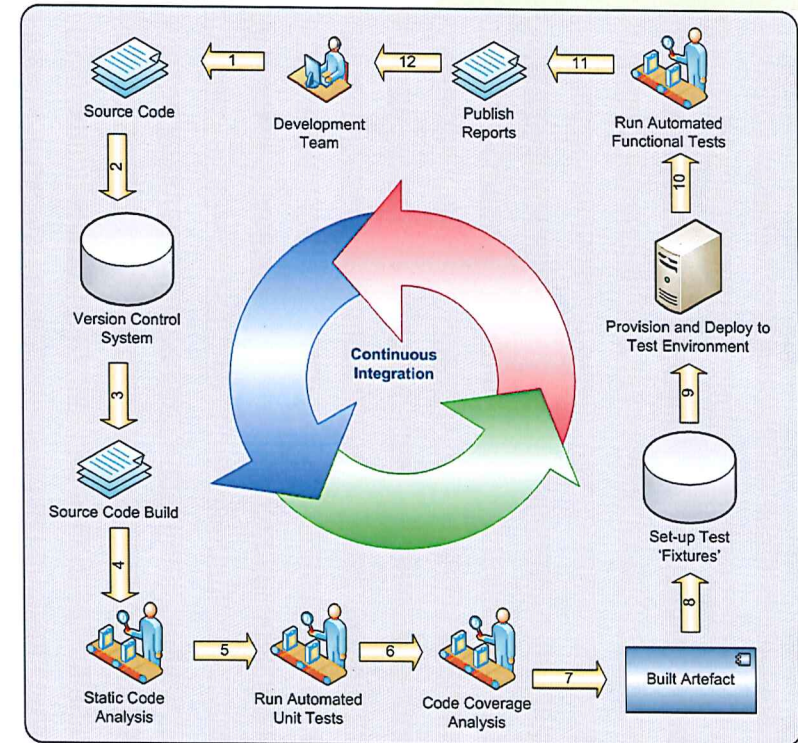
## a. Mens versus Automaat (2/3)

Date & Time	
Bron	Automaat
Datum	22-08-2016
Tijd	12:35:30





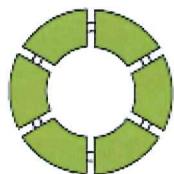
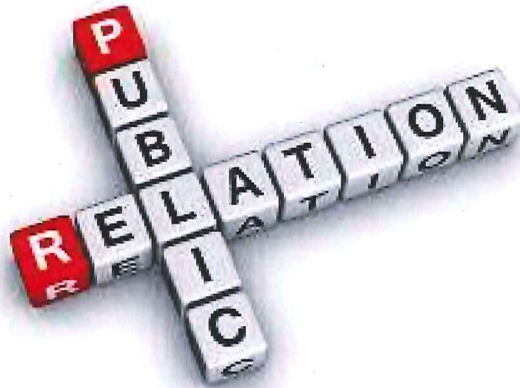
# a. Mens versus Automaat (3/3)



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## b. Handmatig

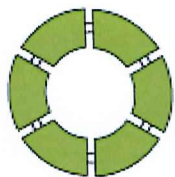
- Testcases herhaalbaar!
- Helder qua testdata
- Risicoanalyse tbv regressie test set



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## c. Testtooling (1/2)

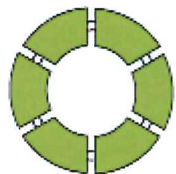
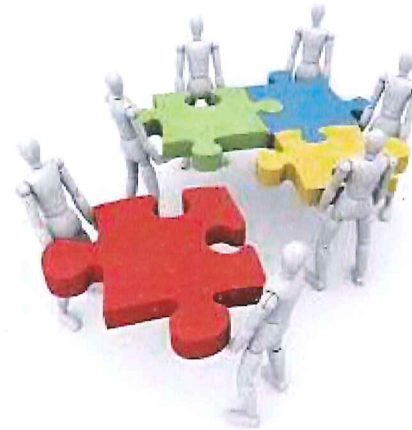
A fool with a tool  
is still a fool!



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Vraag 9

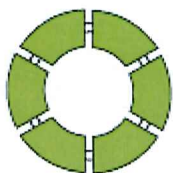
## c. Testtooling (2/2)



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Vraag  
4, 5 en 9

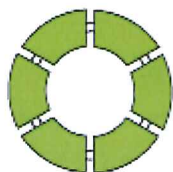
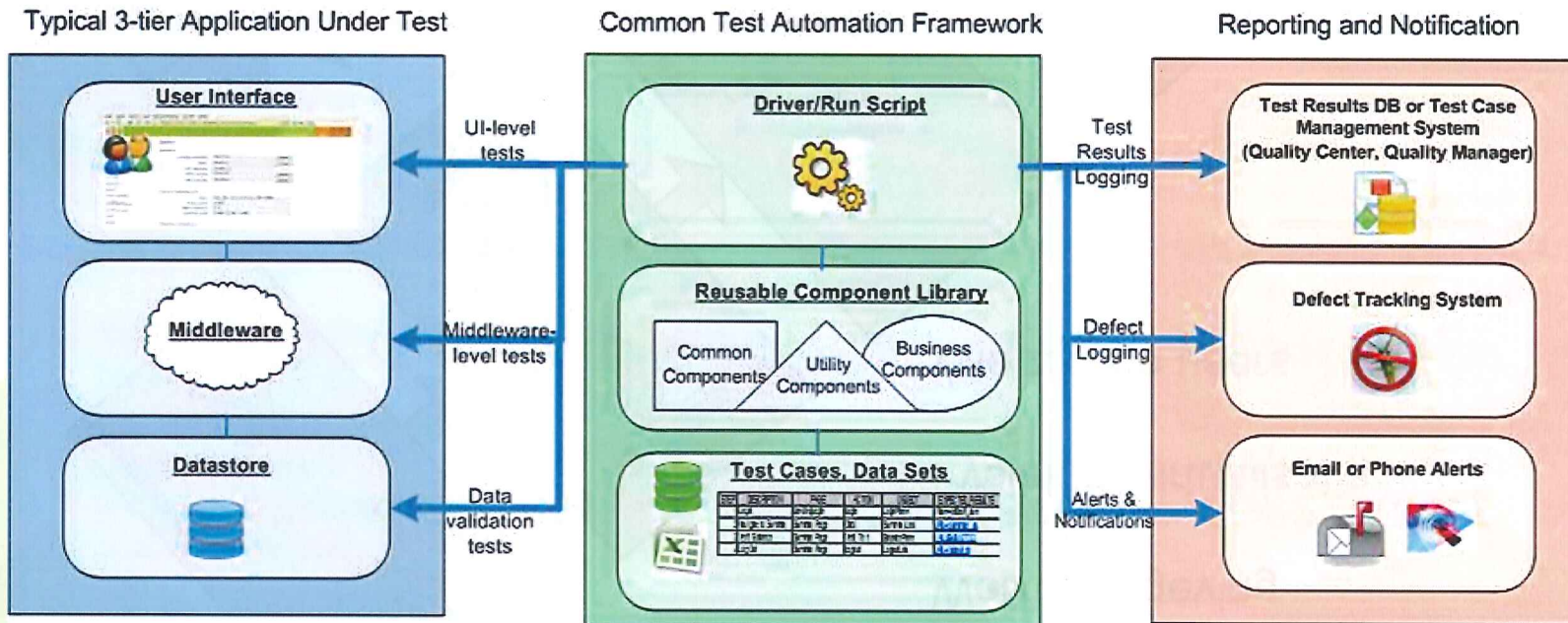
## d. Testomgeving



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# e. Test-framework

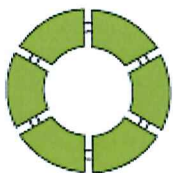
High-level Diagram of Test Automation Architecture



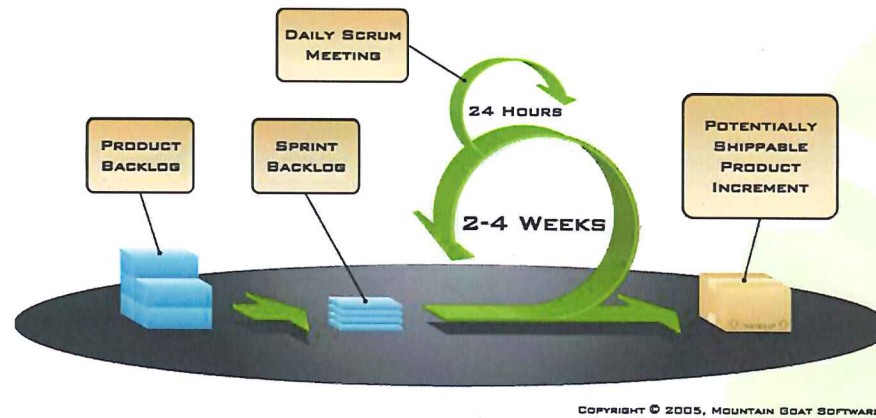
## Succesvol invoeren – organisatie invloeden

- a) Product requirement
- b) Exclusiviteit qua testomgeving en data
- c) Traceerbaarheid impact changes en fixes

Vraag 6

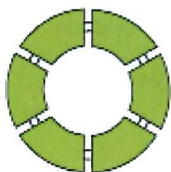


## a. Product requirement



Impactanalyse

Vraag 1



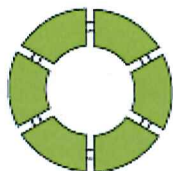
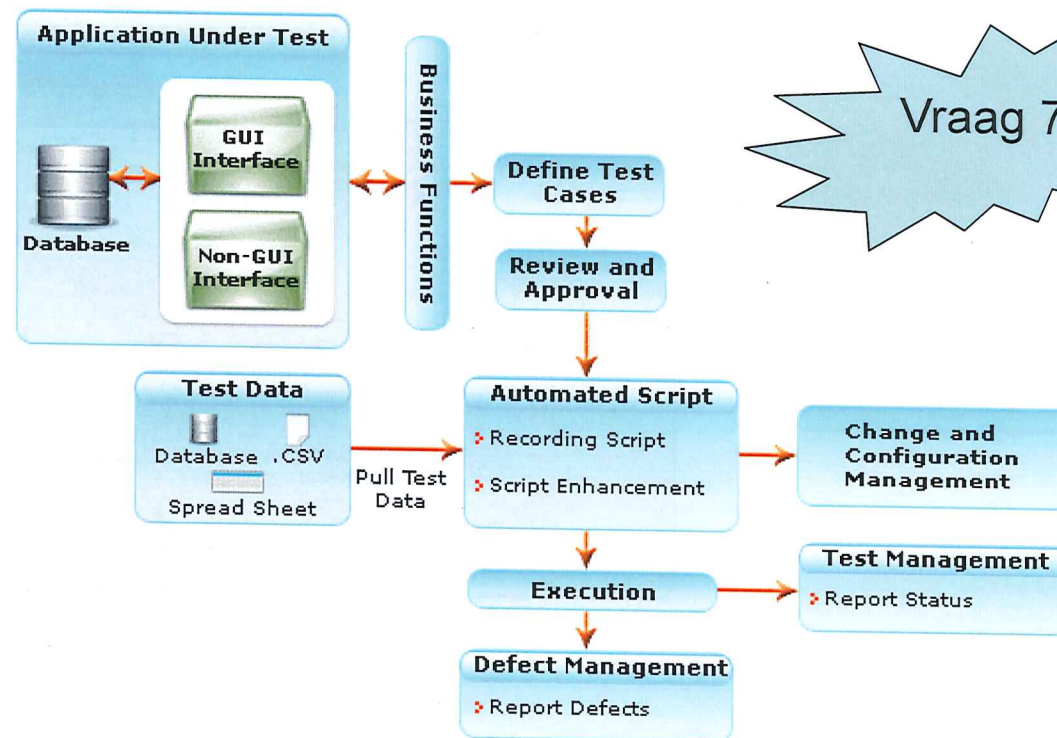
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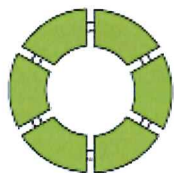
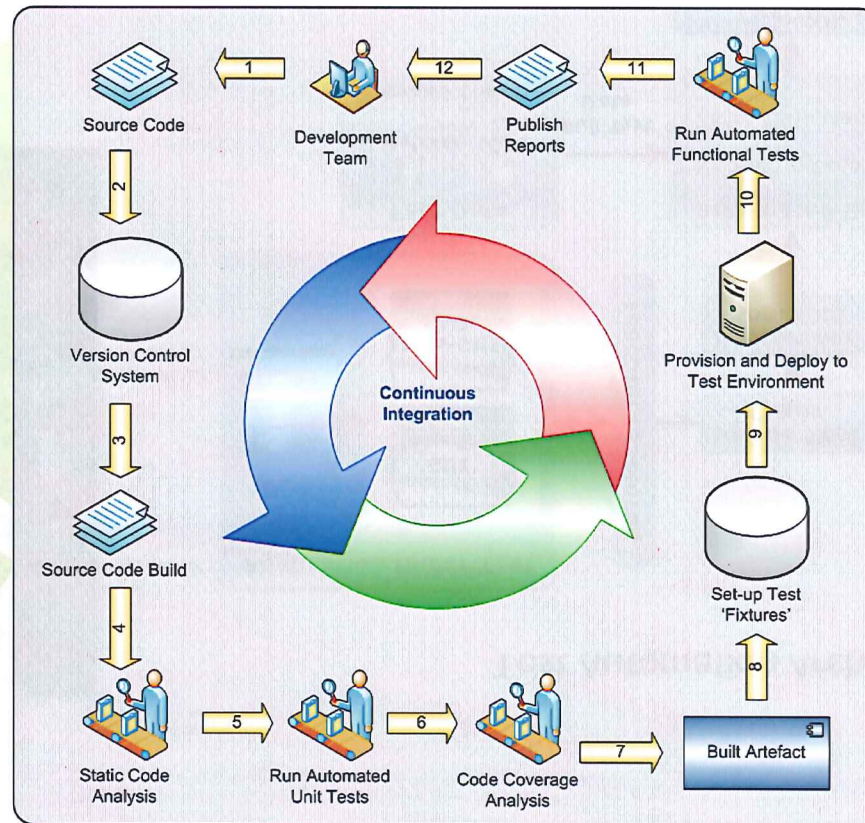
## b. Exclusiviteit qua testomgeving en data



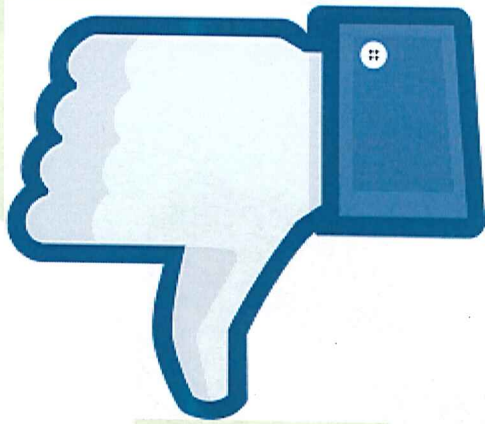
Test Automation Architecture



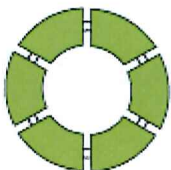
## c. Traceerbaarheid impact changes en fixes



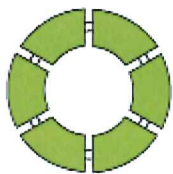
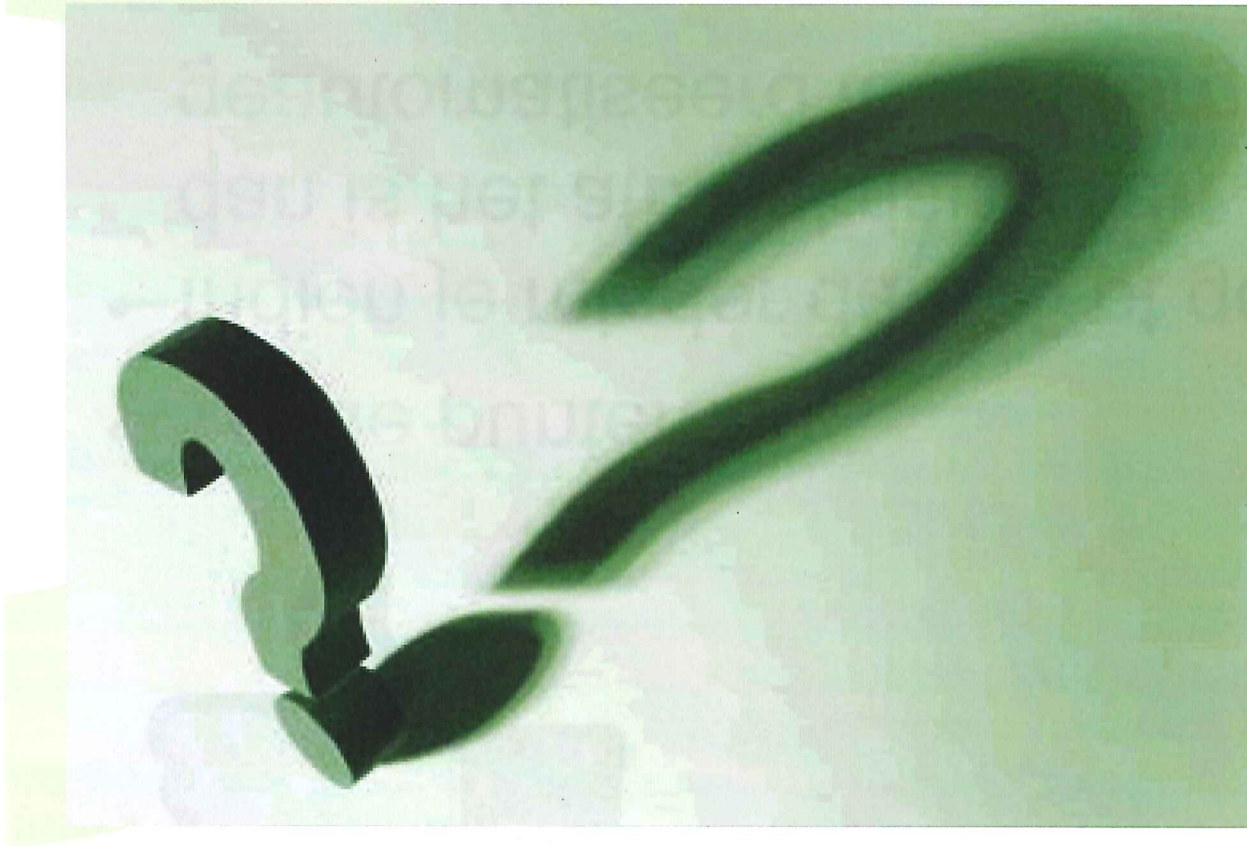
## Samenvatting



- Tel de punten op
- Indien je minder dan 15 pt gescoord hebt, dan is het afbreukrisico van geautomatiseerd testen (erg) groot!



# Vragen?



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