

**T7**Leadership
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# The Reality Distortion Field of Testing

Presented by:

# Lloyd Roden

Lloyd Roden Consultancy

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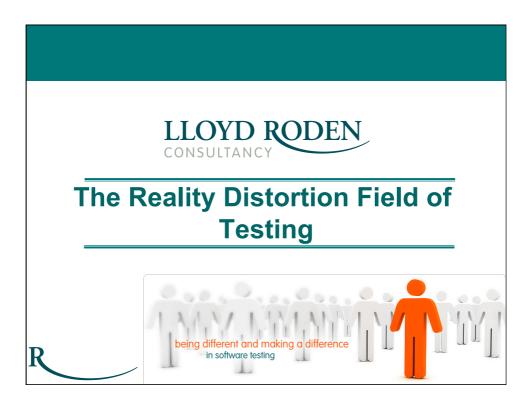


888-268-8770 - 904-278-0524 - info@techwell.com - http://www.stareast.techwell.com/

# Lloyd Roden

With more than twenty-eight years in the software industry, Lloyd Roden has worked as a developer, test analyst, and test manager for many different organizations. Lloyd was a consultant/partner with Grove Consultants for twelve years. In 2011 he created Lloyd Roden Consultancy, an independent UK-based training and consultancy company specializing in software testing. Lloyd's passion is to enthuse, excite, and inspire people in the area of software testing. He has spoken at conferences worldwide including STAREAST, STARWEST, Better Software, EuroSTAR, AsiaSTAR, and Special Interest Groups in software testing in several countries. In 2004, he won the European Testing Excellence award.





# Introduction Today's Super Tester Tomorrow's Super Tester



## Relevance for us in software testing

- I believe we are all living in a reality distortion field for testing
- if we repeat something over and over again or if someone says something over an over again we start to believe it
  - **■** test estimation is important
  - we must produce a test plan
  - we must automate everything
  - testers should also become developers
  - we should adopt dev-ops instead of agile
  - · ...

I am going to share with you the tester of today versus the tester of tomorrow

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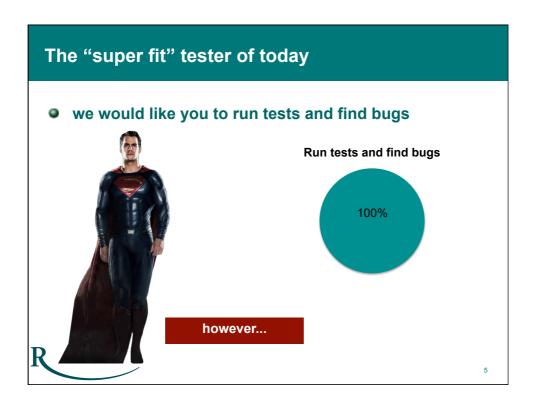
**Today's Super Tester** 

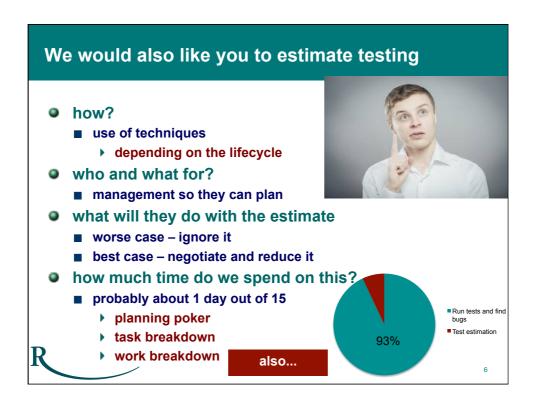
**Tomorrow's Super Tester** 

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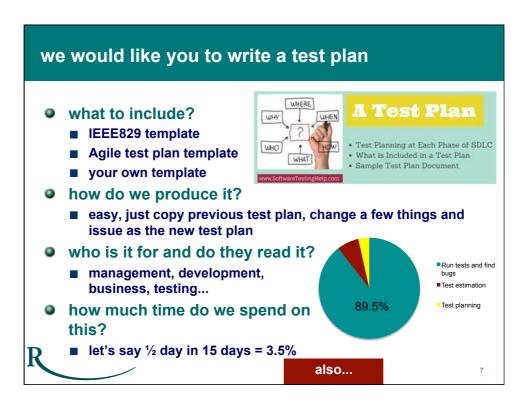
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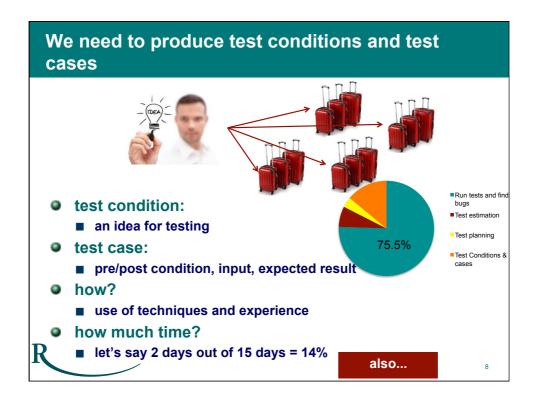






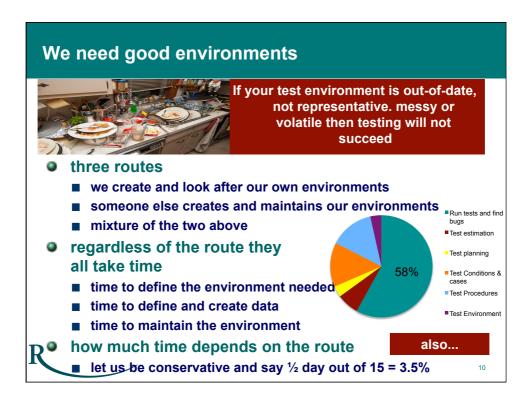




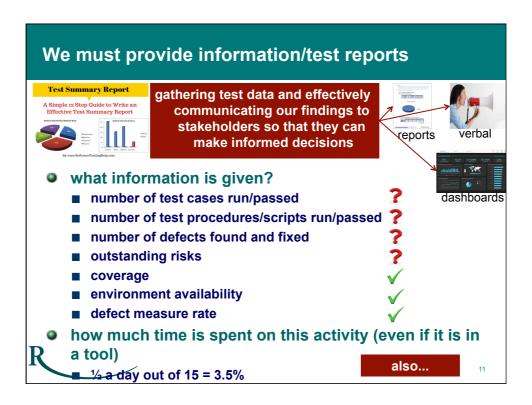
















### Let's automate everything



### the good and bad of automation

- the good
  - **■** it can increase productivity
    - by running tests faster and out-of-hours
  - it can find bugs quicker
    - static analysis tools
  - it can provide the tester with new skills

Let's say we spend 3 days out of 15 on some form of automation = 20%

the bad

time



- test execution tools are not the best at finding bugs
- testers can lose their testing skills with too much automation
- too much emphasis on test execution tools

also...

### Testers must become developers

- best case scenario
  - help developers with lower level testing (shift left)
    - but developers must assist testers (yin and yang)



- testers are forced to develop code
- management have more opportunity for developing more software
  - less time for testing!



vho are multiut their hand



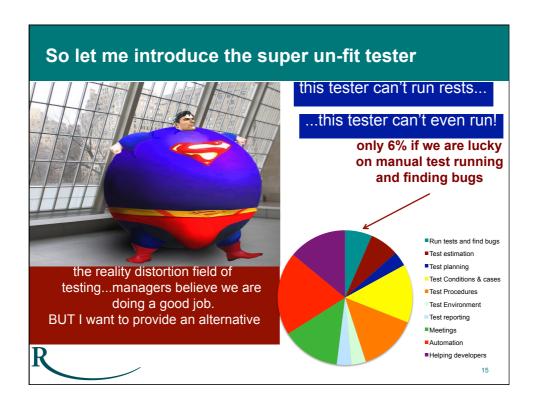
how much time?

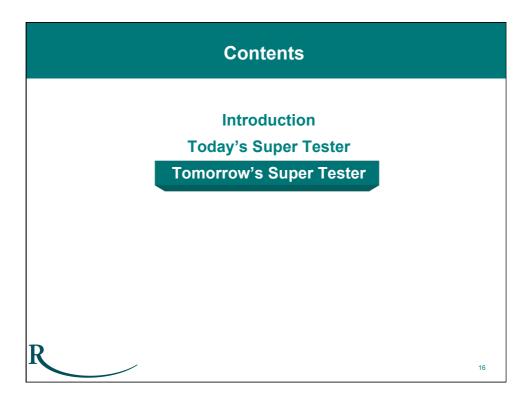
■ let's say 2 days/15 days = 14%



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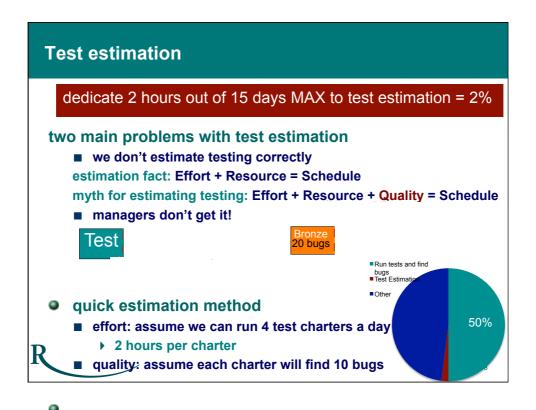




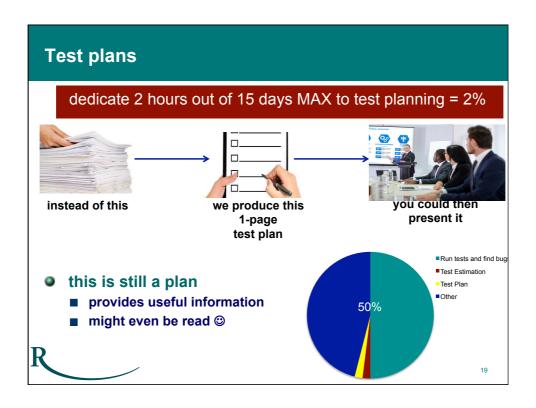


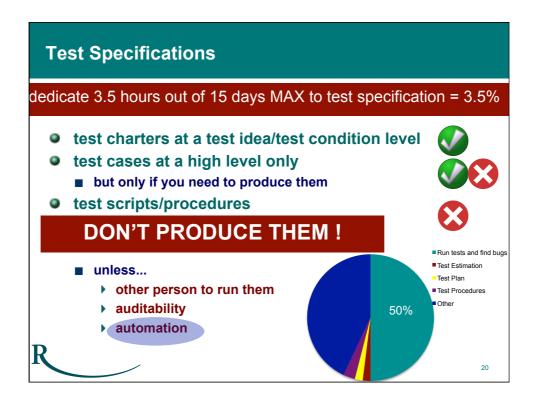




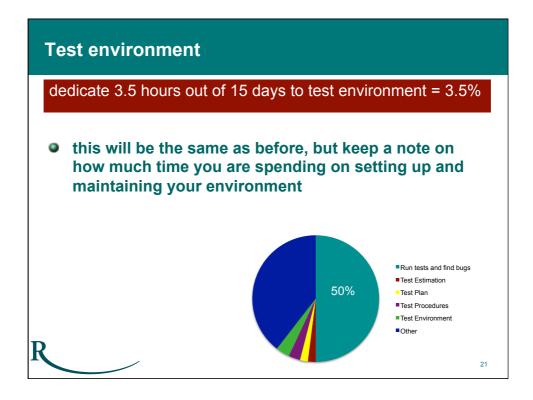


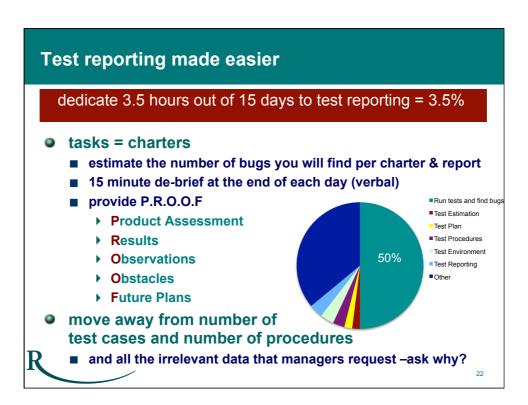














### **Meetings and communication**

dedicate 1 hour per day = 15 hours to meetings = 14%

- important but be in control:
  - during test execution
    - dedicated time
    - no interruptions
    - no emails
    - no link calls
    - no texts



- have some sign or signal
- not responding to other people's interruptions
  - only talking about 2 hours max for each charter



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### Automation with a difference

dedicate 2 days out of 15 days to automation = 14%

- tool support for testing NOT automation
  - tools are there to assist testing, don't just think about test execution tools
    - test design tools
      - ~ testona
      - ~ pict
      - ~ smartdraw
      - ~ decision table creator
    - instabug
      - ~ easy to raise bugs on mobile devices
- make automation work for you
  - anything that you find "boring" can usually be automated

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■Test Estimation

Test ProceduresTest Environment

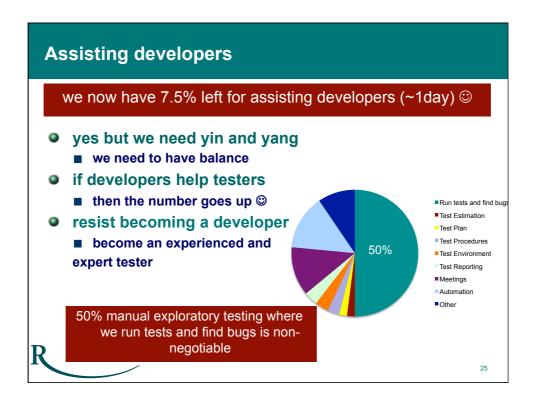
Test Reporting

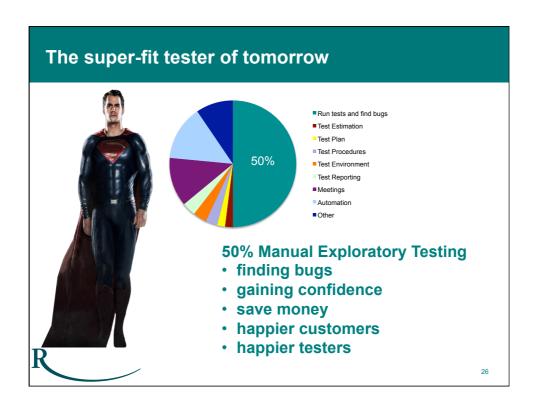
MeetingsAutomation

Other

50%









### What to do now...

- think about the reality distortion field of testing you might be in
- try the 50% rule for manual test execution and see what happens
- don't drip feed testers in other countries they will never learn
- don't leave the room doing the same as before
- choose your battles, take small steps and decide what you are going to reduce





### **Summary**

- we need to understand how humans react to challenges and the importance of facing them to shape our personality, character and understanding
- my top challenges...they are not exhaustive by any means
- the step we now take is important to make a difference in our workplaces



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