

Black Box Software Testing

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SCRIPTING (Part B):

A demonstration

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A demonstration

In the following two videos, how many times did people with white t-shirts catch the basketball?

<http://viscog.beckman.uiuc.edu/grafs/demos/15.html>

<http://viscog.beckman.uiuc.edu/grafs/demos/20.html>

Please watch these silently, without talking with your colleagues.
Write down your totals

The demonstration



**Did you see
anything unusual
in these
demonstrations?**

Inattentional blindness

The phenomenon that we just saw

that you may have just experienced

is that when a person is concentrating on the details of one task, that person is less likely to notice other events,

even obvious events

that are not directly relevant to the assigned task.

Consider the implications of this for:

- *Following detailed instructions that point you to the information they want you to pay attention to*
 - How likely are you to miss surprising events that are not specifically targeted in the instructions?
- The underlying human cause of irreproducible failures
 - Paying attention to some conditions necessarily entails not paying attention to others.

Inattentional Blindness

More demonstrations and references

- Read *Sights Unseen*
<http://www.apa.org/monitor/apr01/blindness.html>
- More demonstrations at
http://viscog.beckman.uiuc.edu/djs_lab/demos.html
- More discussion at
http://viscog.beckman.uiuc.edu/djs_lab/
- see the discussions at <http://psyche.cs.monash.edu.au/v7/>
- see the argument that it is lack of expectation rather than lack of attention at
<http://psyche.cs.monash.edu.au/v7/psyche-7-06-braun.html>