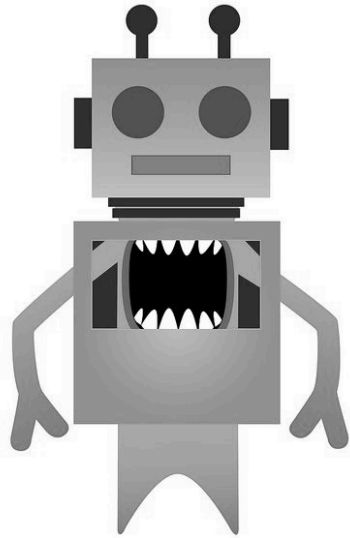


# My Experiences with Testing and Checking



CDT



<http://thefriendlytester.co.uk>



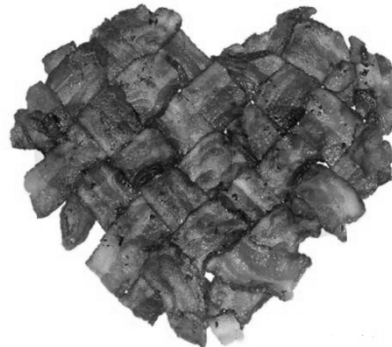
@FriendlyTester



#MEWT



#WinTest



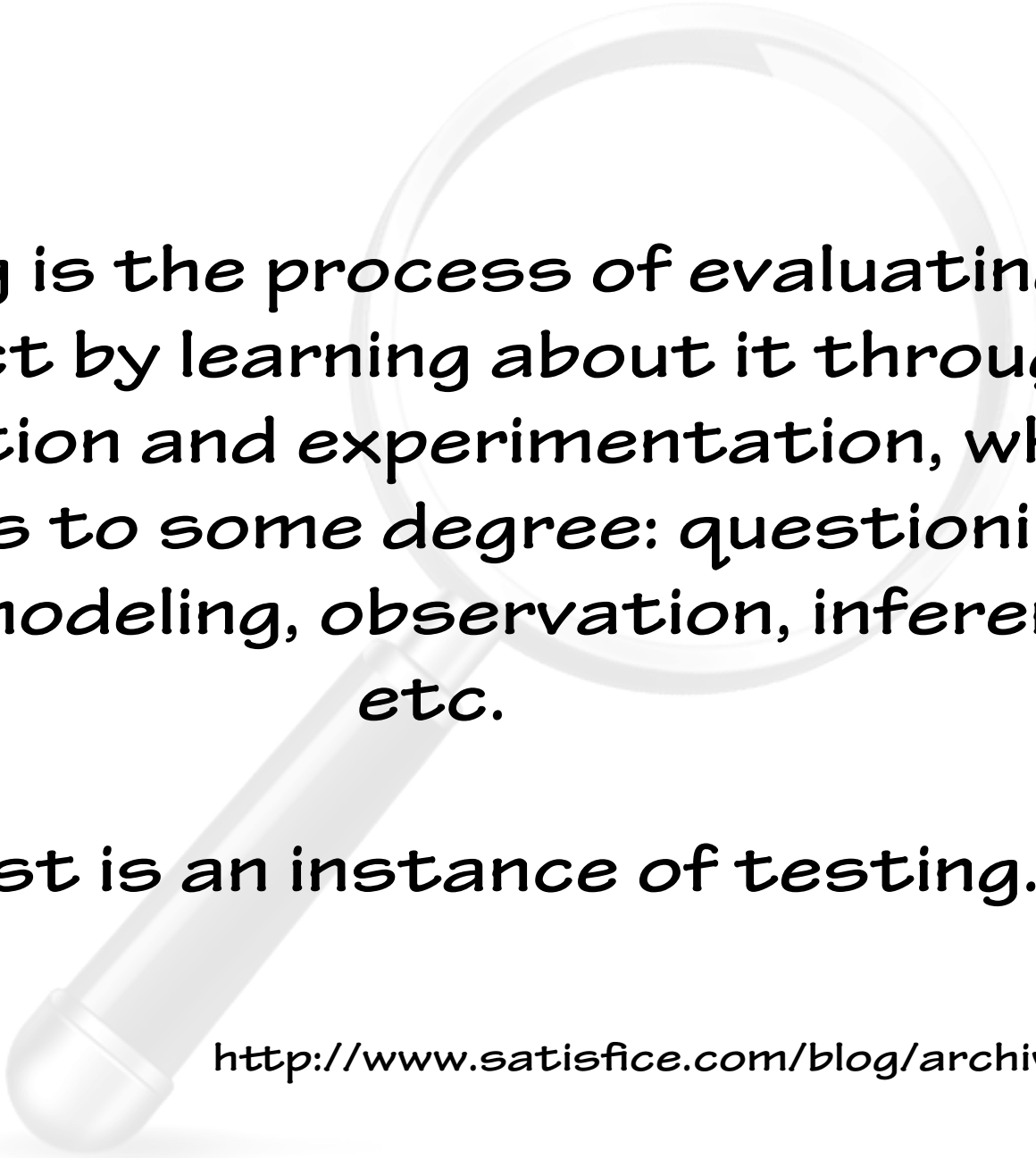
@FriendlyTester



#EuroTestConf

Why?





Testing is the process of evaluating a product by learning about it through exploration and experimentation, which includes to some degree: questioning, study, modeling, observation, inference, etc.

(A test is an instance of testing.)

<http://www.satisfice.com/blog/archives/856>

$$\int 6y^7 - 6y^4 + 6y + \frac{2}{y+1} dy = \frac{3}{4}y^8 - \frac{6}{5}y^5 + 3y^2 + 2 \ln |y+1|,$$

$$\int \frac{2y+2}{y^2-y+1} dy = \int \frac{2y+2}{(y-\frac{1}{2})^2 + \frac{3}{4}} dy = \int \frac{2y+2}{(y-\frac{1}{2})^2 + (\frac{\sqrt{3}}{2})^2} dy$$

**Checking is the process of making evaluations by applying algorithmic decision rules to specific observations of a product.**

**(A check is an instance of checking.)**

$$= \int \frac{\sqrt{3}t+3}{t^2+1} \frac{2}{\sqrt{3}} dt = \int \frac{2t dt}{t^2+1} + 2\sqrt{3} \int \frac{dt}{t^2+1} = \left| \begin{array}{l} z = t^2 + 1 \\ dz = 2t dt \end{array} \right|$$
$$= \int \frac{dz}{z} + 2\sqrt{3} \arctan(t) = \ln |z| + 2\sqrt{3} \arctan(t) + C$$
$$= \ln \left| \frac{4}{3}(y^2 - y + 1) \right| + 2\sqrt{3} \arctan \left( \frac{2}{\sqrt{3}} \left( y - \frac{1}{2} \right) \right) + C.$$

<http://www.satisfice.com/blog/archives/856>

# DISTINCTION!

*“It’s all too easy not to notice important differences if you label two things the same, or to see a difference where none exists if you label them differently”*

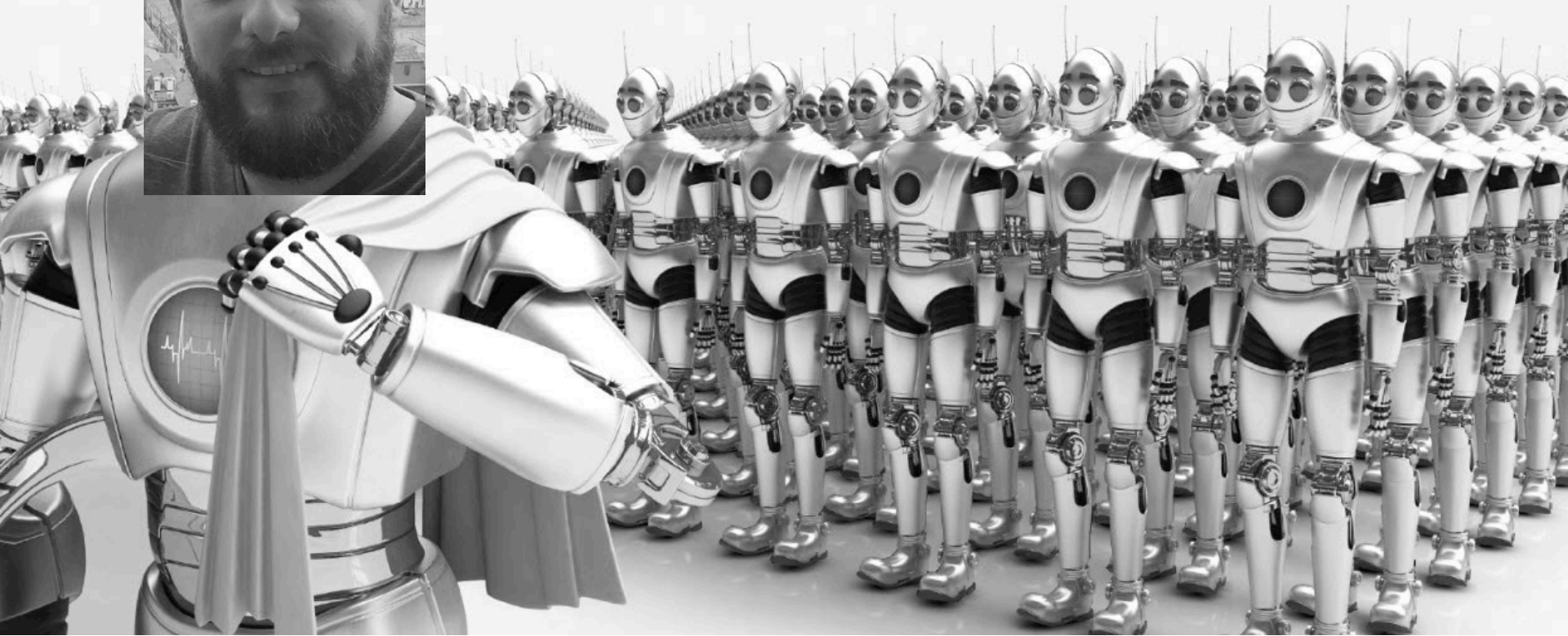
**Jerry Weinberg**

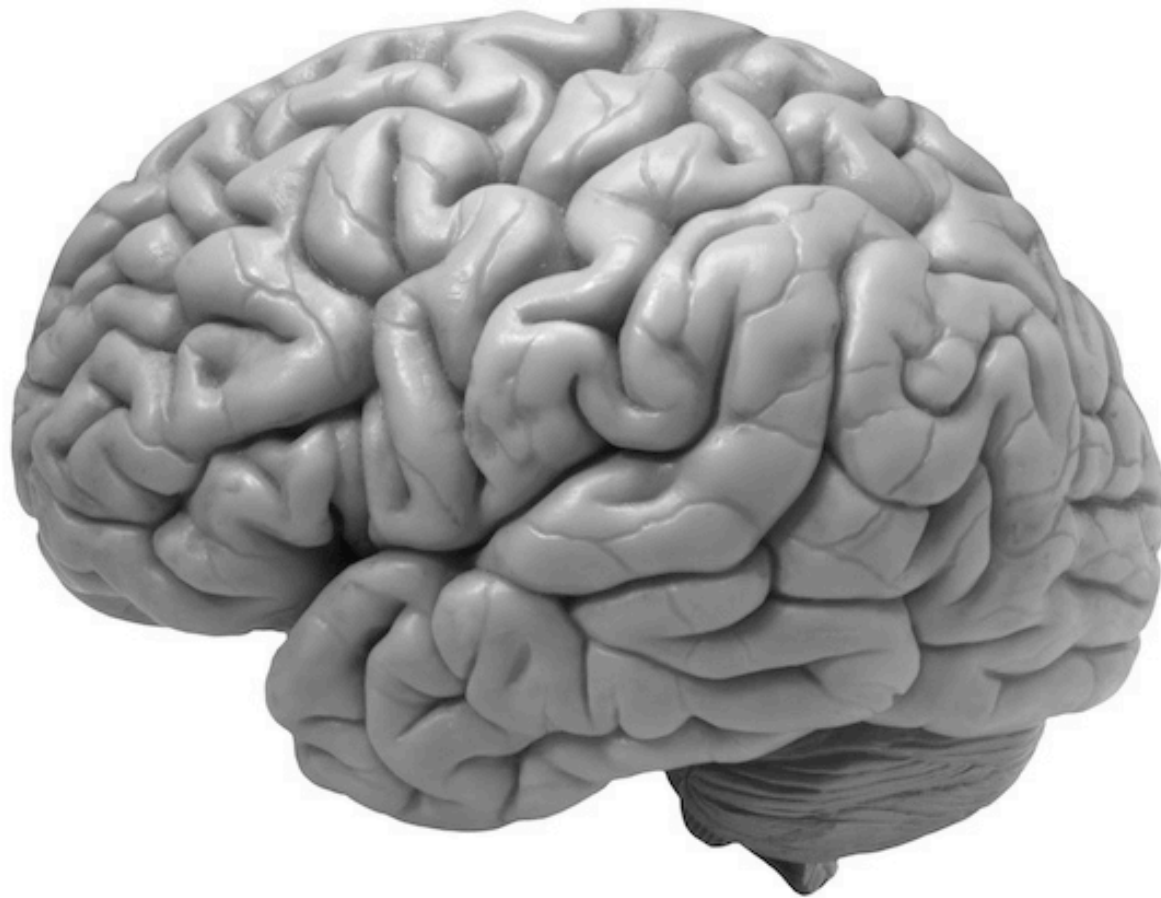






It's not about  
automation, for me  
it's about learning.







“What is that  
test  
checking?”













## Darren West

Consultant UX Designer, HTML5 and Full-stack JavaScript Developer, and DevOps Engineer

“ I had the pleasure of working with Richard at O2 where he had responsibility for testing all client facing applications of Priority, which ultimately lead to 5 star rated native apps, as well as a tenfold increase in web users. Unlike most testers who I have worked with, Richard really understands the applications he is responsible for and doesn't just check software has been developed as specified but also that it really works for the end user, and while **advocating the use of automation to support testing and checking**, this is just one tool in his arsenal. Highly recommended. **less** ”

# Summary!



