

# DPC Student Conference

## What I wish I knew before I started

Senate House, London, January, 2017

Dave Thompson

[#dpc\\_wiwik](#)

**‘One of the things  
important about history is  
to remember the true  
history’**

*George W. Bush, Washington, D.C., June 6, 2008*

Good morning. Everything is fine. Please do this. Everything is fine. Unexpected event. It works. Please change it. Everything is fine. Why does this happen? We've lost internet access. Don't panic. This book for the launch isn't digitised. Everything is fine. Everything is fine. Can you ask about this? Broken means broken! What metadata? Everything is fine. It works. And relax. Find me examples of METS with this docStruct! Everything is fine. You need to change every METS file. Please change it. Can't talk. In the zone. What future plans? This book is 404. I need to spin up 4 VMs. Why does this happen? You're fired. I need your documentation. Have a cup of tea. Unexpected event. Everything is fine. What's for lunch? Please do this. HELP! Everything is fine! Hey! Don't touch that! **OH CRAP IT'S BROKEN!** Everything is fine. Unexpected event. We need to update every METS file. I don't care Don't be silly. Training? Priorities have changed. Everything is fine. Everything is fine. Unexpected event. Oh more crap. Why does this happen? Rights? What rights?. The ALTO isn't defining page headers again. Please change it. Everything is fine. Take a deep breath. You want what! Everything is fine. Can it do this? I care about this why? Please don't do that again. Please comment on the strategy document. Everything *is* fine! What future plans? That thing happened again. Can you ask about this? It works. Please do this. Budget forecasts have changed. Everything is fine. Why does this happen? New project. Everything is fine. Have a cup of tea. And relax... Zzzzzzzzzzz...

# Quick career round up

Degree in History, Masters in Library & Information Studies

Career in information in the UK & New Zealand

Developed information systems/processes for government

National Library of New Zealand, web archiving, systems replacement, policy on born digital material

25 years working with information management

Currently looking  
for a job by the  
way...

# Have I had fun...?

Introduced to 3 Prime Ministers

Worked with Cabinet Ministers & Chief Executives

Represented my country on UN project

Created some of the first websites for government departments

Independent consultant

Published, travelled, spoken at conferences, reviewed peers' work, invited onto external committees

Well, is it fun...?

Yes.



**Fcuk,  
yes!**



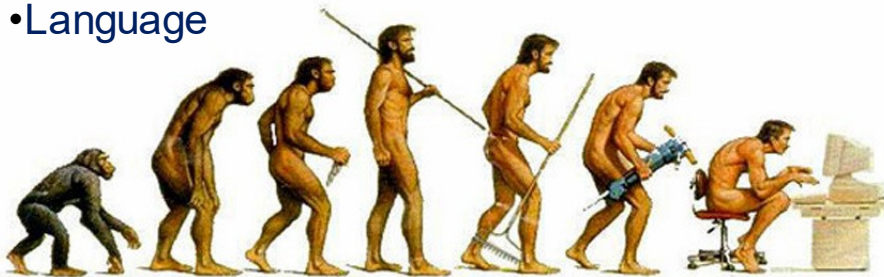
# We woke up & the world had changed

## Old world

- Catalogues
- Books held locally
- Closed
- Archivists/Librarians
- Working alone
- Centralised knowledge
- Local experts
- Searching catalogues
- Complicated access
- Constants
- Language

## New world

- Wikipedia
- Data online
- Communities of interest
- Everyone
- Collaboration
- Diversified knowledge
- Many know just a bit
- Google
- Creative commons/Open Access
- Change
- Emoji



<http://www.jdpseo.co.nz/evolution-online-marketing/>

# Conservative party deletes archive of speeches from internet

Decade's worth of records is erased, including PM's speech praising internet for making more information available



## How Much Is Digital Illiteracy Costing Your Organization?

Monday, December 08, 2014 - by Courtney Hunt

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## Martha Lane Fox calls on MPs to improve their digital skills

Written by **Rebecca Hill** on 2 November 2016 in **News**

Digital advocate Martha Lane Fox has urged MPs and ministers to boost their data literacy as the government's Digital Economy Bill makes its way through parliament.

**Digital exclusion** is a complex issue. There is no single cause, but a combination of factors contribute to a greater or lesser extent to the risk of **exclusion**. The headline numbers of those who lack Basic Skills or have never been online have been the same for some time.

Digital Exclusion Heatmap - Doteveryone  
<https://doteveryone.org.uk/heatmap/about-the-heatmap/>

## 'Extreme surveillance' becomes UK law with barely a whimper

Investigatory Powers Act legalises range of tools for snooping and hacking by the security services

## IS DIGITAL ILLITERACY A CHALLENGE FOR YOUR ORGANIZATION?

Author: Courtney Shelton Hunt  
Commentator: Jason Ranston

Posted in: Tools & Methods  
From: Issue 9

0 14 0



Mike Bainbridge  
@dgtlMike

44% of U.S. adults get news from Facebook [buff.ly/2g01Uxj](https://buff.ly/2g01Uxj)



8:19am - 30 Nov 2016 - Buffer

## Developing students' digital literacy

Last updated: 22 September 2015

### The Issue

Even [today's students](#) need support with some areas of digital practice, particularly in an academic context, so it's important to make sure that these needs are met.

While employability is an obvious driver, developing learners who can learn and thrive in a

## Fake news and the end of trust on social networks

Don Sheppard - November 29, 2016

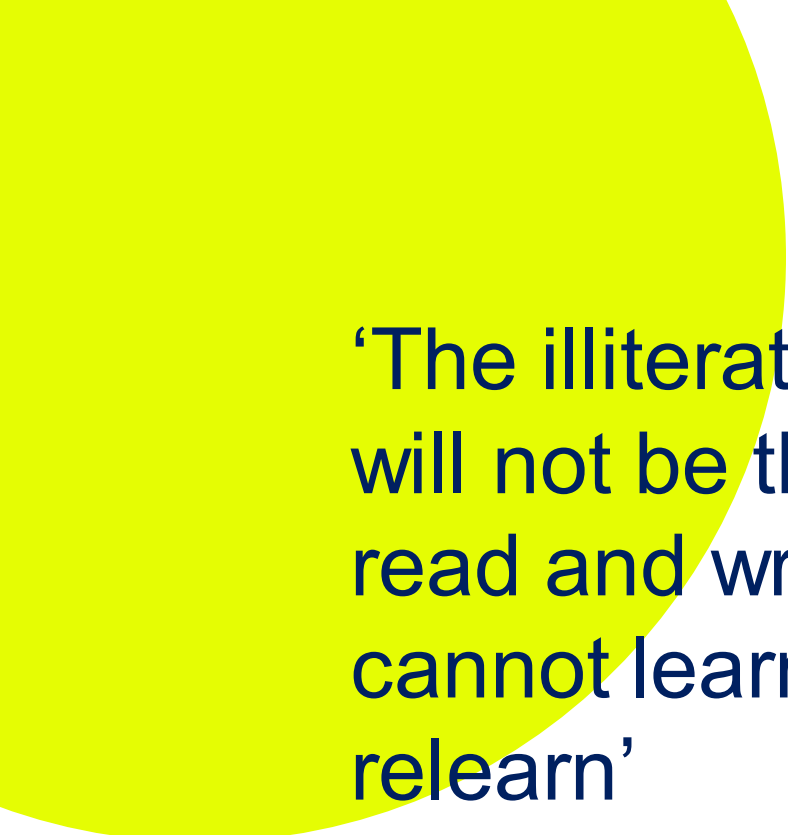
Various stories have appeared about "fake news" and its possible impact on the [US presidential election](#). Does this mean we can no longer trust what we read online? That word – trust – comes up a lot these days!

Has Donald Trump ever used a computer?



Matt Novak, Gizmodo

<http://gizmodo.com/has-donald-trump-ever-used-a-computer-1762376695>

A large yellow circle is positioned on the left side of the slide, partially overlapping the text.

‘The illiterate of the 21st century  
will not be those who cannot  
read and write, but those who  
cannot learn, unlearn, and  
relearn’

Alvin Toffler, ‘Rethinking the Future’

[http://blog.commlabindia.com/elearning-design/how\\_can\\_you\\_unlearn](http://blog.commlabindia.com/elearning-design/how_can_you_unlearn)



Actually that might have been said  
by Herbert Gerjuoy

[http://www.flexnib.com/2013/07/03/that-alvin-toffler-  
quotation/](http://www.flexnib.com/2013/07/03/that-alvin-toffler-quotation/)

# Everything you have been taught is wrong

1. It's not about libraries or archives, its about users
2. It's not on the shelf, it's data to be shared
3. It's not about collections, it's about community
4. It's not about holding on, it's about letting go
5. Knowledge & learning is a shared experience



# It's the users stupid!

1. Will do research on the bus using Google
2. Will build communities of interest without you
3. Become their own gatekeepers
4. Rely on Facebook/Twitter as a source
5. Cite someone they friended as an expert source
6. Have no idea how to use a computer



# Stuff isn't yours to keep

1. Let it go. It's not what you know but what you do with what you know
2. It's what you know about managing your data to add value to a community
3. Let your data have 15mb of fame

Don't believe me...?

**"In the future  
everybody will be world  
famous for 15 minutes."**

*Andy Warhol*





LILY JAMES SAM RILEY JACK HUSTON BELLA HEATHCOTE DOUGLAS BOOTH WITH MATT SMITH CHARLES DANCE AND LENA HEADEY

# PRIDE + PREJUDICE + ZOMBIES



# Systems have changed

## Old world

- Proprietary
- Monolithic
- Managed locally
- System centric
- Stuff held locally
- Loosely coupled
- Software
- Planned economy

## New world

- Open source
- Modular
- Managed centrally
- User focussed
- Cloud/distributed
- Decoupled
- Microservices
- Agile/evolutionary

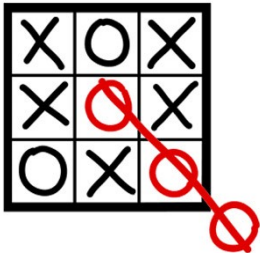


<http://sullivanheights.pbw orks.com/w/page/47135000/Evolution%20Of%20Computers>

# Not tied to systems

1. Maturity of cloud services; secure, safe, manageable
2. Built around flexible machine instances
3. Delivering cloud services; elastic search, transcoder services, database services
4. Services that can be spun up as required then dropped
5. Systems evolve & change. The data remains

**THINK  
OUTSIDE  
THE BOX**



<http://shirtoid.com/17054/think-outside-the-box/>

Has Donald Trump ever used a computer?



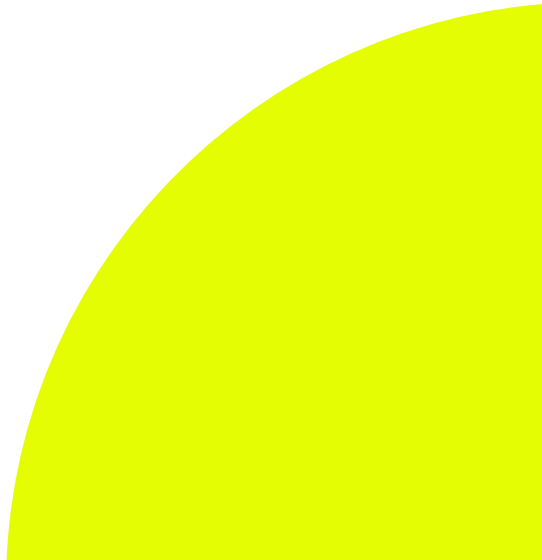
Matt Novak, Gizmodo

<http://gizmodo.com/heres-a-rare-photo-of-donald-trump-using-a-computer-1789448238>

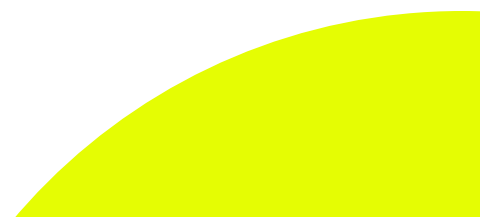
The world has  
changed & we  
need to respond



We need to learn,  
unlearn, and  
relearn



Users will make  
you irrelevant if  
you ignore them





# LIGHT BULB





Bad Libraries Build  
Collections, Good Libraries  
Build Services, Great Libraries  
Build Communities



<http://davidlankes.org/?p=1411>

# Let's have a conversation

Dave Thompson

[digitally.dave@gmail.com](mailto:digitally.dave@gmail.com)

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[#dpc\\_wiwik](#)



**wellcome**trust