

Open Science / Knowledge / Access

a beginner's PoV

Emanuil Tolev

What?

- (1) Open: publicly available for free
- (2) Linked data (e.g. data.gov.uk) - for science
- (3) “Stuff” to make open – mainly research:
 - a. Papers
 - b. More research – data, metadata, comments
 - c. Code – part of main research output
 - d. Helper code – bespoke tools

Why? (1)

Why does it matter?

- a. Science – big part of the foundation of modern civilisation
 - b. NOT a “side thing” - change the way to do science, change society, change perception of sci.
 - c. Do you all want to code in COBOL and machine language? - That's what the options are like for publishing research.
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Why? (2)

Why should we care?

- a. Enormous indirect impact on your lives
- b. We care, we're hackers!
- c. It's our money, large amounts of it, and we pay multiple times for the same thing!

(once to fund it, then to access it because of closed publishing system)



New stuff I've learned AT DEV8D!

- (1) Open Science != Open Knowledge
Open Knowledge != Open Access
 - (2) Not just linked data for science, way beyond that!
 - (3) “Open” - not just free access, also better scholarship!
 - (4) Term should really be Open Scholarship, it's not just STEM disciplines of course!
 - (5) It makes truly global scholarship easier.
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How did I learn about it?

www.cottagelabs.com

I started working on idfind.cottagelabs.com at
DevXS 2011

Going to join www.okfn.org (Open Knowledge
Foundation), it's amazing.

Explore further ... and help!

1. Open Knowledge Foundation - www.okfn.org
2. Join the cause! (nevermind how you do it) – spread the word at your own Uni, join OKFN, just hang out on the 130+ public OKFN repos on GitHub.

