DOI Outreach meeting

Norman Paskin
International DOI Foundation

100 million DOIs in September

- 102 Million to date
  - 2 billion resolutions per year

- Annual growth rate of 16.1%

- 9 Registration Agencies

- 13,800 Prefixes (Registrants)

mEDRA

crossref

EIDR
Entertainment Identifier Registry

DataCite

Cnki 中國知網
cnki.net

中文DOI

Japan Link Center
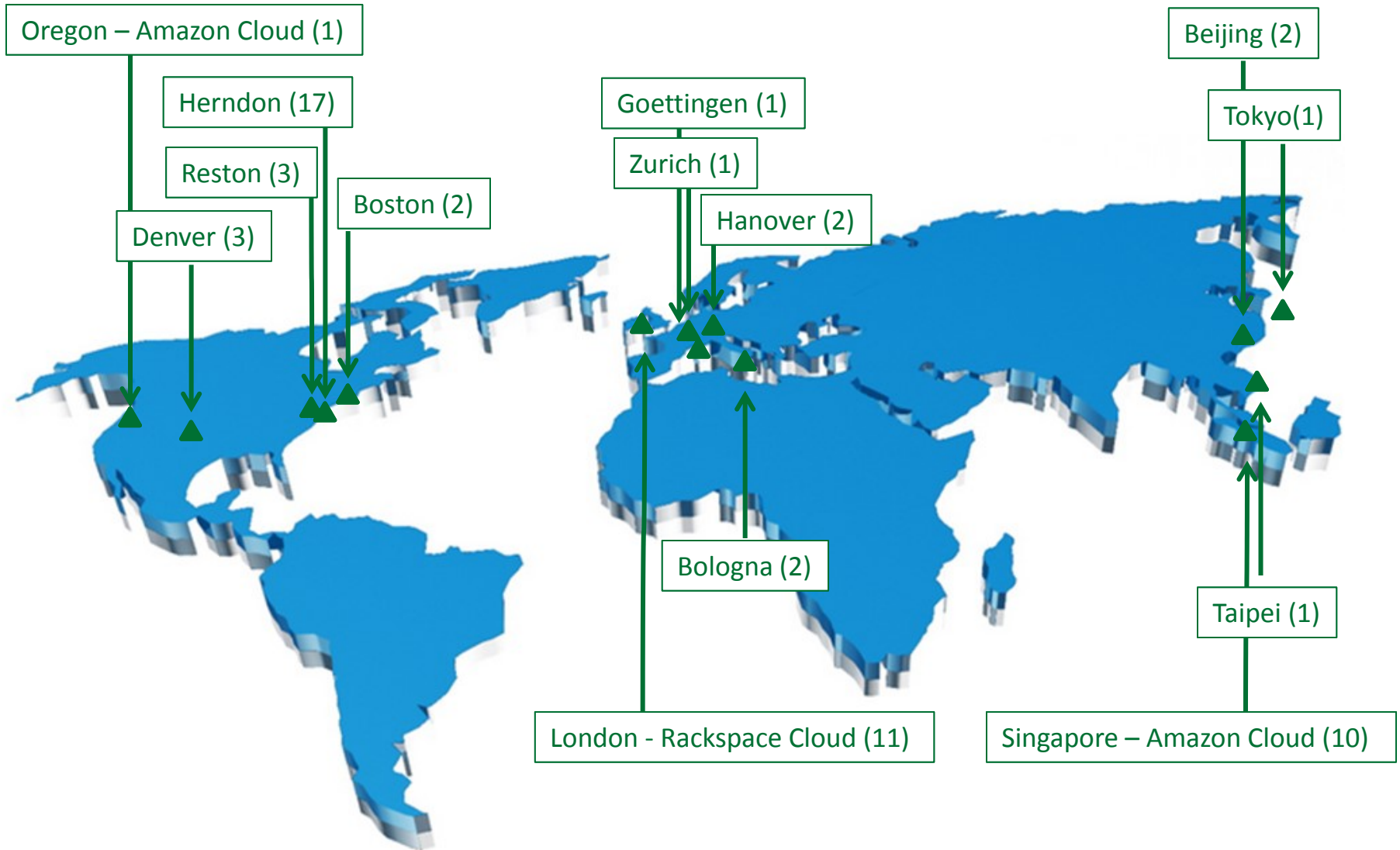
airiti DOI

Publications Office

DOI system governance

- International DOI Foundation

- Provides common infrastructure

  - **Technical infrastructure:** resolution, data model

  - **Social infrastructure:** e.g. obligations for persistence, back-up, in event of failure, etc.

- Deals with common issues

  - Standardisation (**ISO 26324** etc), liaisons, etc.

  - Outreach to new communities

- "Not for profit" membership federation (US)

- Registration Agencies are biggest part of membership

- Elected Board, working groups, meetings

- No full time staff (outsourced)

Collaborations

- Working with others to aid persistence and interoperability.

- **The Handle System: DONA**
  - Resolution of identifiers on the internet
  - www.handle.net   www.DONA.net
  - Technical test bed to test multi-primary Handle management, with EPIC, ITU, China Handle Corp, CNRI, DONA
  - Users of same resolution technology

- **Metadata: Linked Content Coalition**
  - Semantics of identifiers on the internet
  - www.LinkedContentCoalition.org
  - Continuation of (EU) LCC project: now a separate entity
  - Users of same data model

DOI Handle technical infrastructure

Oregon – Amazon Cloud (1)

Herndon (17)

Reston (3)

Boston (2)

Denver (3)

Goettingen (1)

Zurich (1)

Hanover (2)

Beijing (2)

Tokyo(1)

Bologna (2)

Taipei (1)

London - Rackspace Cloud (11)

Singapore – Amazon Cloud (10)

DOI Handle Servers (57 servers in 14 locations)

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PRESS ROOM

A global initiative to improve the management and communication of online copyright

The Linked Content Coalition (LCC) is a not-for-profit global consortium of standards bodies and registries. LCC members are organizations who create and manage data standards associated with content of one or more types, particularly for identifiers, metadata and messaging.

The purpose of the LCC is to facilitate and expand the legitimate use of content in the digital network through the effective use of interoperable identifiers and metadata.

The LCC supports interoperability between the computer systems of any and all legitimate participants in the digital network, including creators, rightsholders, publishers, aggregators, rights and content exchanges, retailers, consumers, cultural institutions (including libraries, museums and archives) and their agents and associations. Participation may be on any scale, from that of private individuals to multi-national organizations.

The LCC has set out Ten targets for the rights data network which describe

Linked Content Coalition

EDItEUR

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DOI Foundation

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IPTC
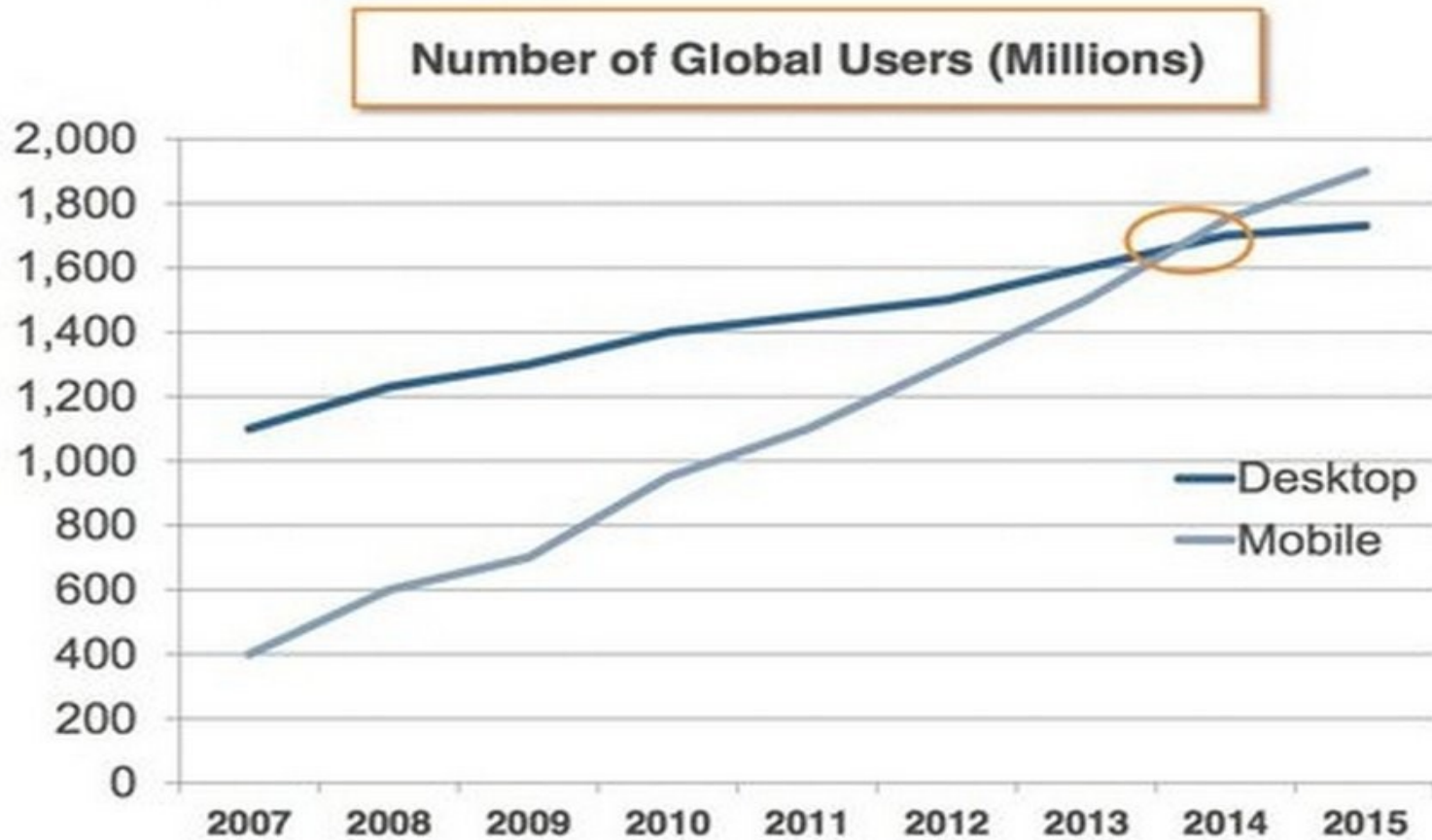
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MovieLabs

Go to link

NISO

Go to link

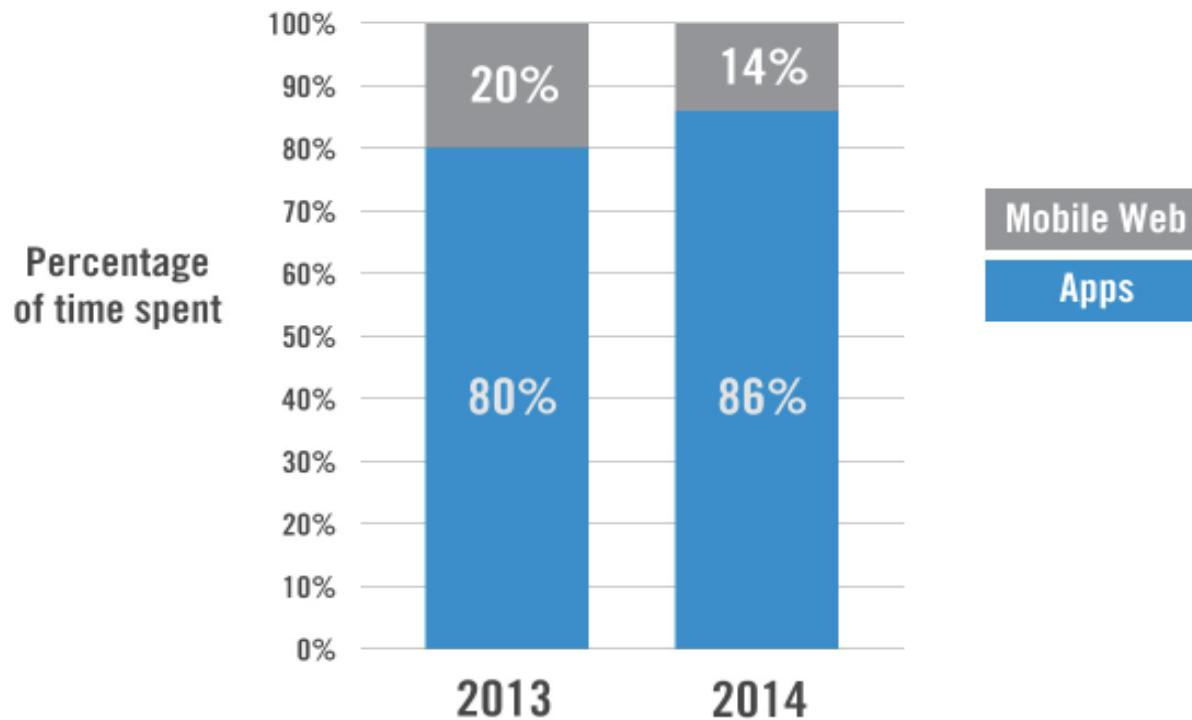**PLUS**

Go to link

An illustration: technology neutrality

www.businessinsider.com/why-google-is-slowing-2014-10

Number of Global Users (Millions)

Desktop
Mobile

comSCORE.   © comScore, Inc. Proprietary and Confidential.   24   Source: Morgan Stanley Research

Technology neutrality

internet users already spend more time in mobile apps than they do on the web.

Apps Continue to Dominate the Mobile Web

- "Today, the number of net users is pushing the 3 billion mark. But that's not the really big news. What's truly startling is that 2 billion of these are getting their internet connections primarily via smartphones"

  Benedict Evans, Andreessen Horowitz

- "What we're witnessing is the fusion of the internet with mobile telephony.   All we now have to do is to figure out what that means for our grandchildren."

  John Naughton: "The future of technology? It's in your hands"

  http://www.theguardian.com/technology/2014/nov/02/future-of-technology-in-your-hands-smartphone

doi ®

The DOI® System   ISO 26324

This is the web site of the International DOI Foundation (IDF), a not-for-profit membership organization that is the governance and management body for the federation of Registration Agencies providing DOI services and registration, and is the registration authority for the ISO standard (ISO 26324) for the DOI system. The DOI system provides a technical and social infrastructure for the registration and use of persistent interoperable identifiers, called DOIs, for use on digital networks.