

Systemic Change in Knowledge Production

V1 given at DLRN 2015, Stanford

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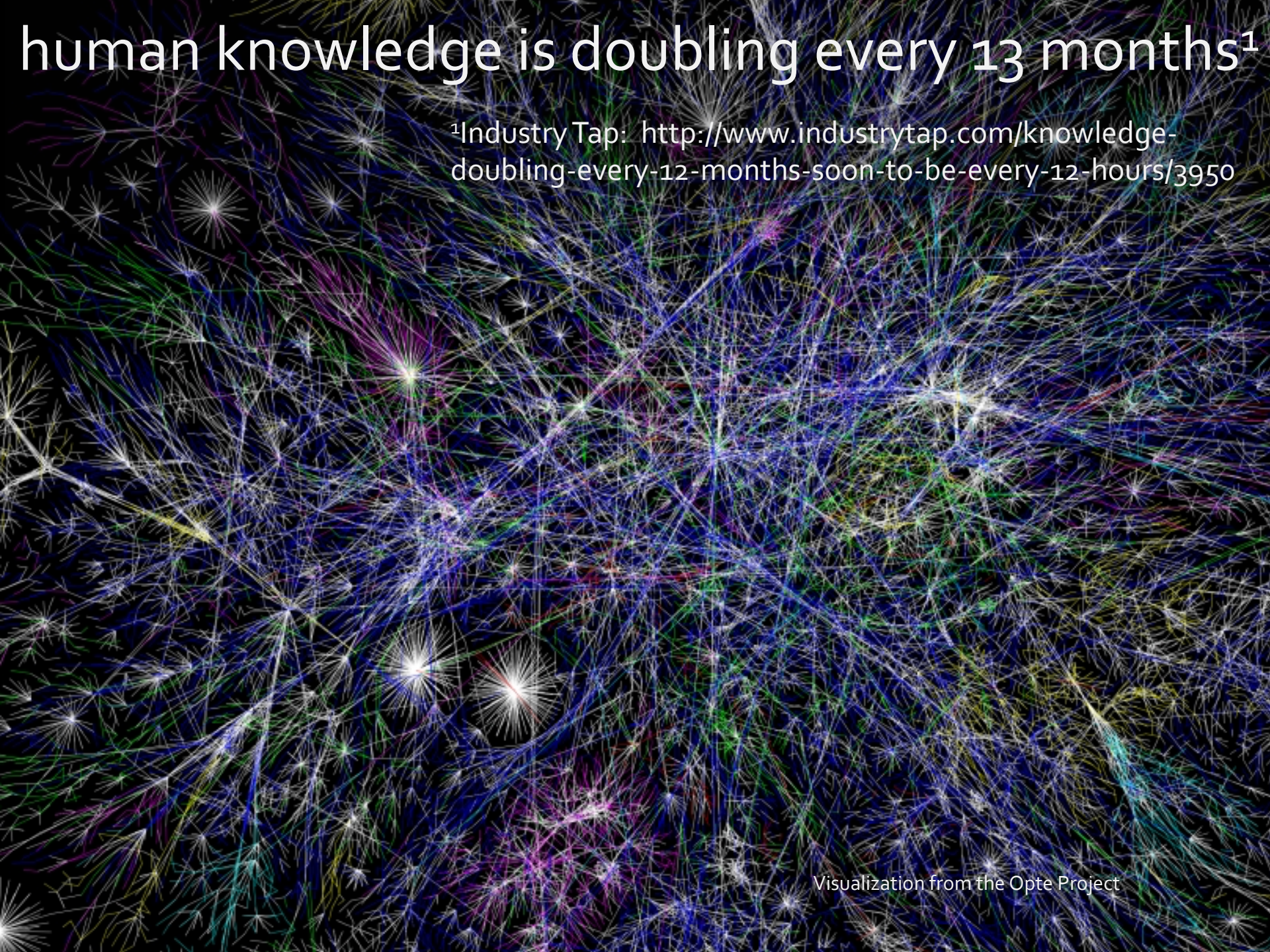
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human knowledge is doubling every 13 months¹

¹Industry Tap: <http://www.industrytap.com/knowledge-doubling-every-12-months-soon-to-be-every-12-hours/3950>



Visualization from the Opte Project

But knowledge production today is

- still concentrated in high income nations
- created largely in isolation
- authored in unstructured, proprietary formats
- not created in ways that are accessible
- produced using print-based workflows
- often behind paywalls
- published with a fraction of the original data
- slow and costly to produce



New models are emerging



From Zero to Book in 5 Days

A Book Sprint is a collaborative process where a book is produced from the ground up in just five days. But even more important, this collaborative process captures the knowledge of a group of subject-matter experts in a manner that would be nearly impossible using traditional methods. The result at the end of the Book Sprint is a high-quality finished book in digital and print ready formats, ready for distribution.

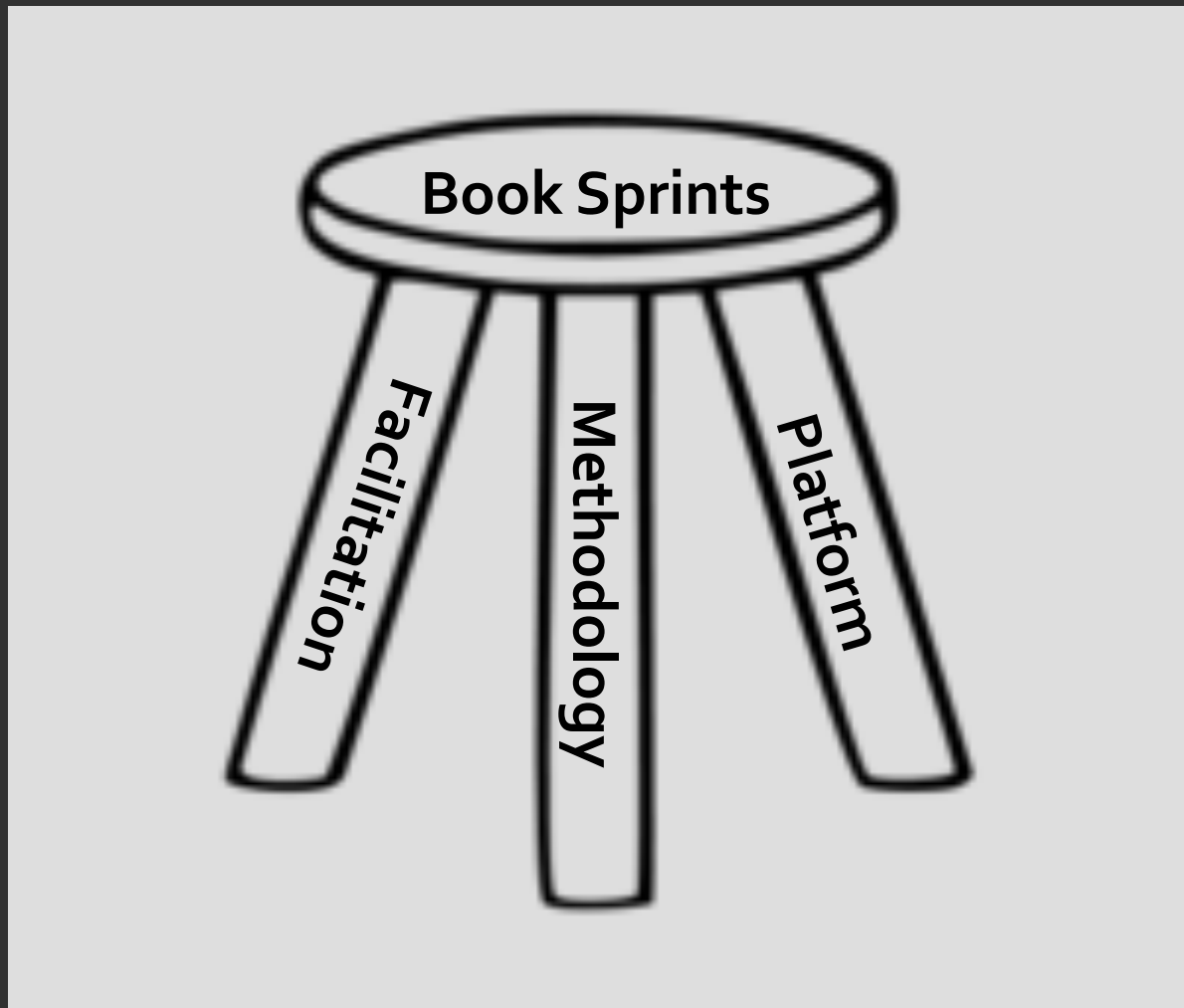


Book Sprints Founder, Adam Hyde

- Built OS tools: Booki, Lexicon, Objavi, and BookJS,
- Created the Book Sprints method
- Founded Book Sprints Ltd
- Founded FLOSS Manuals
- Founded Booktype, PubSweet



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Technology has been the weak leg



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Meanwhile,

Kristen, then Publisher at PLOS, was frustrated with journal publishing technologies.

Adam and Kristen joined forces to create lasting change in knowledge production across all forms of scholarship.



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Open Source community solutions that improve scholarship

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MISSION

The Collaborative Knowledge Foundation's mission is to evolve how scholarship is created, produced and reported. CKF is building open source solutions in scholarly knowledge production that foster collaboration, integrity and speed.

CKF envisions a new research communication ecosystem that gives rise to wholly unique channels for research output.

CKF was founded in October 2015 with support from the Shuttleworth Foundation.



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coko.foundation
@cokofoundation
Founded October 2015

We believe:

True systemic change in knowledge production requires a scalable, flexible and adaptable open source technology solution



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CKF is building PubSweet2

Ingest

Ingesting content from many formats, converting to HTML or XML, enable text/data mining, syndicate out

Editing

Real-time fully concurrent authoring, structuring and editing in HTML, collaboration environment

Production

Flexible workflow environment that can adapt to handle different content production needs

Delivery

Web delivery function publishing content to web, configuring websites, search and discoverability



CKF will expand the tool-kit available to those wishing to change knowledge production

We will bring collaboration to the creation and production of scholarly knowledge



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PubSweet2 is Born Networked

Born Compliant



Born Linked



Born Accessible



Born Archivable



Born Open



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The result will be an environment that enables the **Fair, Rapid and Complete** communication of scholarship

available to everyone



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