# Bringing Interoperable Annotation to All Scholarly Works

# Annotating All Knowledge Coalition and Working Group

## Web annotation is here!

Our goal is to make it pervasive across scholarship, open and interoperable.

For decades web pioneers have imagined a native and universal collaborative capability over the Web. Many projects have experimented with it, yet in 2015 we're still stuck with the same patchwork of proprietary commenting systems, only available in some places.

In the last few years a growing community has been working to change that. Our goal is to standardize "annotation" as a unit of conversation built into the very fabric of the Web. In late 2014 the World Wide Web Consortium (W3C), the standards body for the Web, established a formal Working Group to support this standards effort. Much progress has been made, and many implementations are now mature enough to be deployed.

# What's possible with web-based annotation?

- Make persistent annotations in texts by highlighting passages, adding notes, and tagging with keywords.
- Enable conversations within peer groups, journal and book clubs, classrooms and amongst the general public.
- Add context and depth to works and value to collections with annotations from authoritative sources and expert knowledge.
- Keep resources more current with the ability to update fixed content without sacrificing the version of record.
- Share passages, bookmarks, and digital citations with communities of readers or more broadly.
- Support pre- and post-publication peer review and commenting.

## **Annotating All Knowledge Coalition**

A coalition of some of the world's key scholarly publishers, platforms, libraries, and technology organizations are coming together to create an open, interoperable annotation layer.

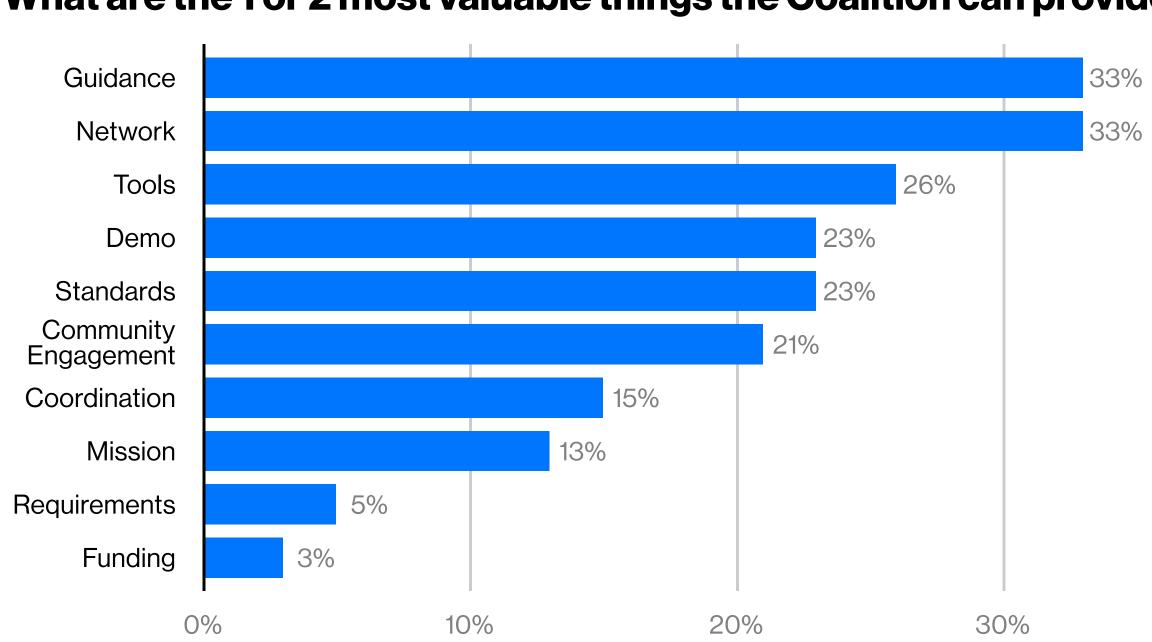
#### Goal

To deploy an interoperable annotation layer over all scholarly and scientific works within three years.

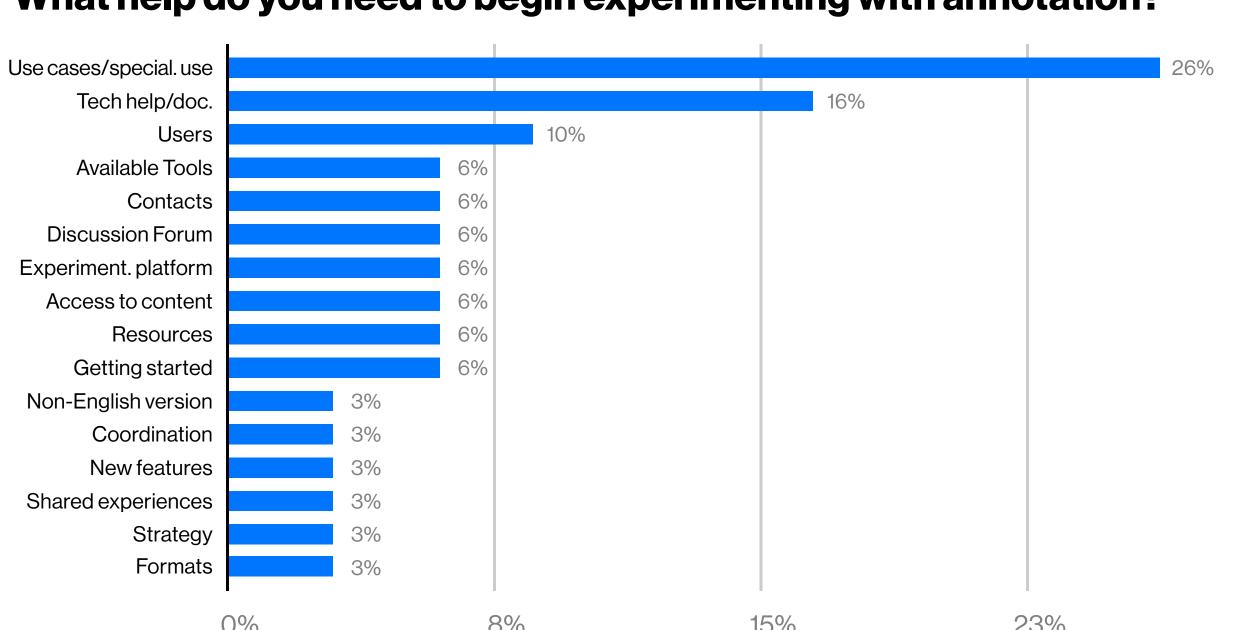
#### Members agree to

- Share the vision for how this can benefit scholarship
- Explore how to incorporate web annotation
- Collaborate openly with others
- Be open about their participation

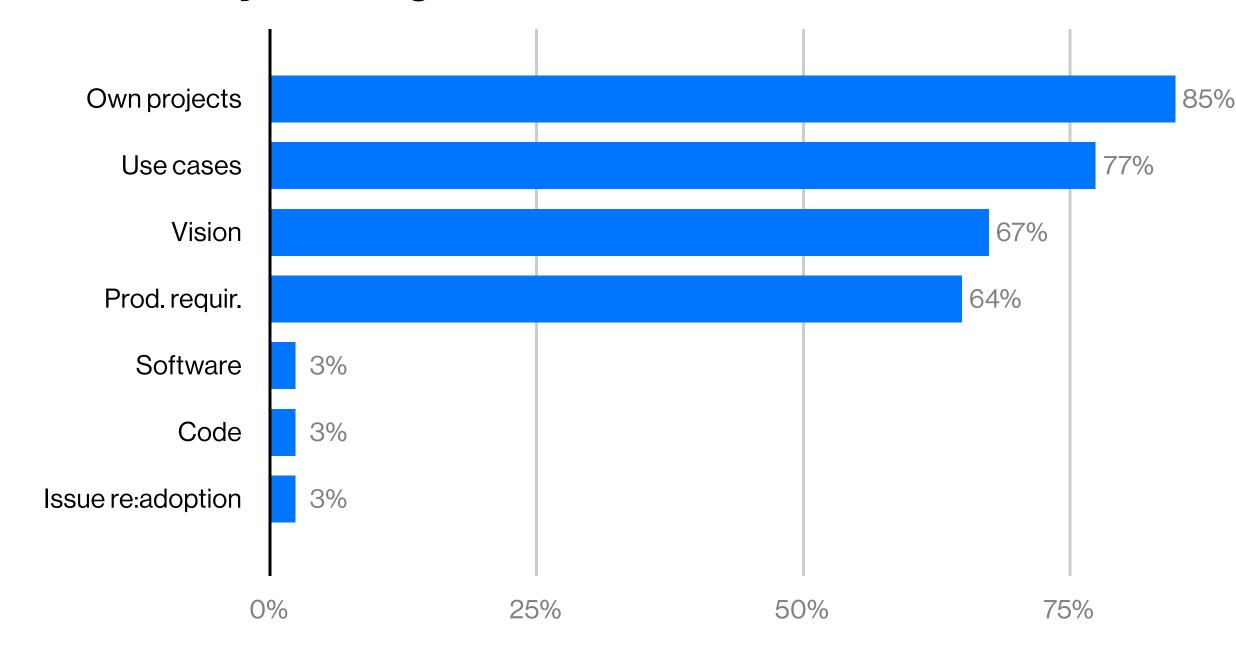
#### What are the 1 or 2 most valuable things the Coalition can provide?



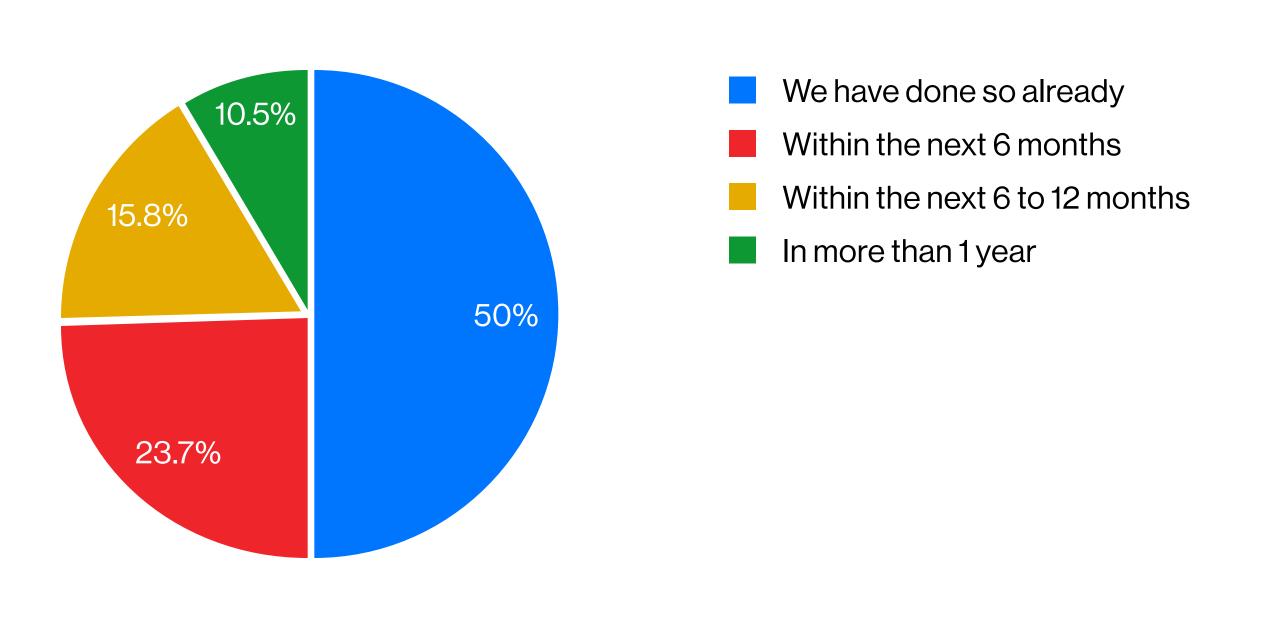
#### What help do you need to begin experimenting with annotation?



#### What are you willing to share with the Coalition?



#### How close are you to deploying some form of annotation?



#### **Coalition Founding Members**

American Geophysical Union • Amherst University Library • Annual Reviews • arXiv • Atypon • Authorea • Biodiversity Heritage Library • biorxiv • Brandeis University Library • Cambridge University Press • CELI • Carnegie Mellon University • Centre for Agriculture and Biosciences • International Center for Open Science • Collaborative Knowledge Foundation • ContentMine • Crossref • Duke University Press • eLife • Elsevier • Europe PubMed Central • Europeana • F1000 - Faculty of 1000 • Factminers • Gigascience • Harvard-Smithsonian Center for Astrophysics • HathiTrust • Highwire • Hypothes.is • IDPF • iPython / Project Jupyter • JHU MUSE • Journal of Neuroscience Research • JSTOR • Knowledge Unlatched • Michigan Publishing • MIT Press • NASA Astrophysics Data System • NYU Press and NYU Libraries • O'Reilly Books (aka Safari Books Online) • PKP / Open Journal Systems • Publishing Technology plc • ORCID • Oxford University Press • Paper Hive • Pensoft • PLOS • Pressbooks • RedLink • Romanian Center for Investigative Journalism • Semantico • SSRN • Stanford University Libraries • Ubiquity Press • University of California Davis Library • University of California Press • University of Illinois Libraries • University of Southern California - Scalar • Unizin • W3C • Wellcome Library • Wiley • Wolfram • World Archives of Sciences • World Digital Mathematics Library

# **AAK Working Group**

AAK Working Group was established at FORCE11 to support the work of the AAK Coalition.

- Support the communication and dissemination needs of the coalition
- Provide a forum for AAK Coalition discussions
- Coordinate technical working group
- Organize Face to Face meeting at FORCE2016

#### **Timeline**

- Y1: Design & Build Interview users, run experiments, gather requirements. Discussions w/ key platforms. Ship standards. Write software.
- Y2: Deploy Make annotation available with books and other media objects.
- Y3+: Market
  Drive adoption through partnerships and targeted programs.

### Face to Face Kick Off Meeting

- >55 attendees can network
- Establish a working definition of interoperability
- Define the most compelling use cases/user stories to drive technology development
- Organize a technical specifications working group
- Discuss branding

# Join us!

The coalition is open to any scholarly publisher, platform, library or technology organization that shares our vision and objectives and wants to participate. Contact us at: **coalition@hypothes.is** for more information.

### **Participate**

- Join the working group at FORCE11
- Contribute your use cases
- Contribute your talent
- Build open annotation into your platform

## **Upcoming events**

I Annotate Berlin, May 19-20, 2016