



The Year (and the Next Frontier) in eXtyles

Elizabeth Blake
Director of Business Development



The second virtual XUG

- Attendees from 9 countries and 5 continents
- **We're (tentatively) planning an in-person meeting for 2022**
- POLL: Are you likely to attend XUG in person next year?
- We've loved having attendees who prefer the virtual event, and we'll continue to try to accommodate you... Stay tuned!

← The sort of thing that *might* be going on behind me

Last year, we celebrated eXtyles at 20



This year, dare we look 20 years ahead?

- Well, maybe not THAT far into the future
- However, we want to share some of our longer-term plans with you
- We also invite you to think about what your workflow might look like in 5 or 10 years ... and, of course, how we can collaborate with you to optimize it!



Word-based, customizable editorial and XML conversion solutions for publishers



SaaS solution for editing, linking, and validating unstructured bibliographic references

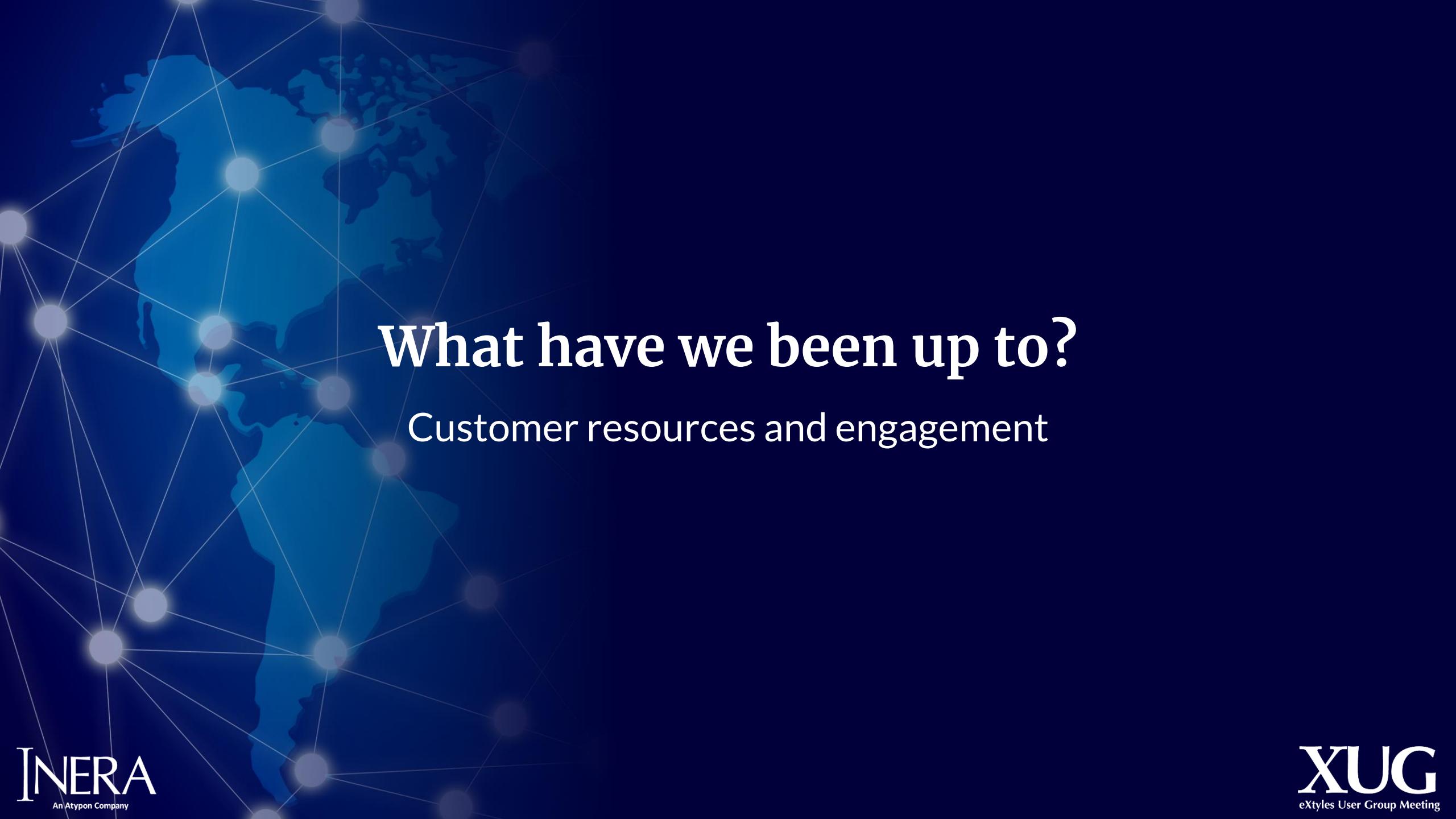


eXtyles® Arc

Fully automated conversion of unstructured Word content to enriched XML

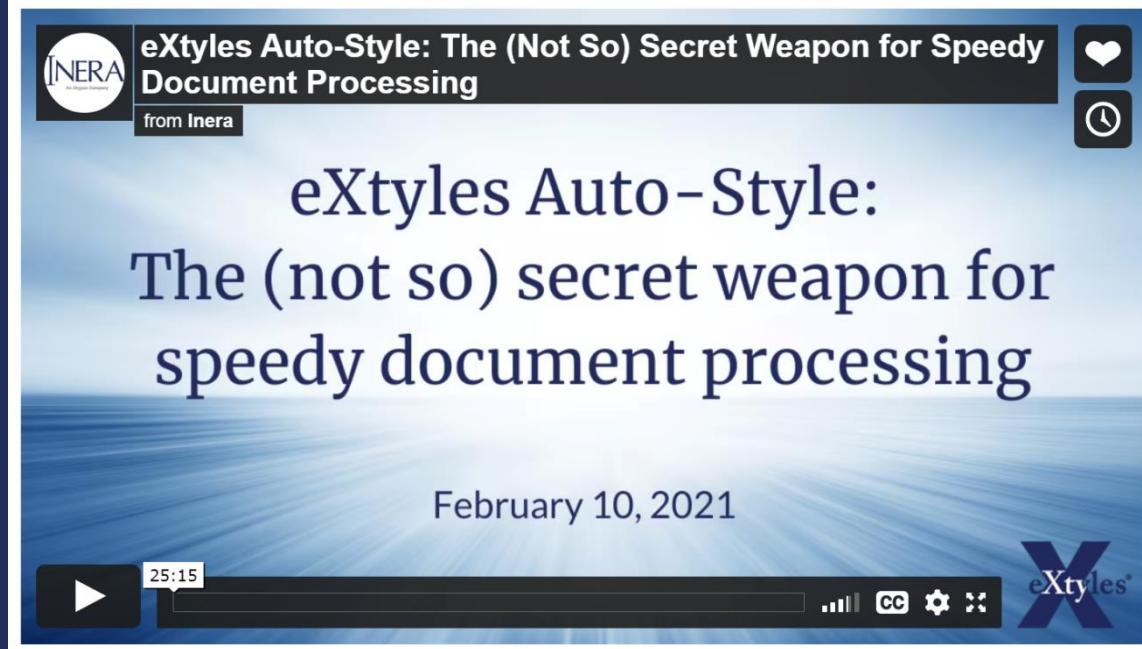
- "Overlapping" solutions with a common core
- Provide various options for leveraging the technology we've been building for 20 years
- We're going to discuss developments to all of these products that we hope will be interesting food for thought

Different applications of shared technology



What have we been up to?

Customer resources and engagement



eXtyles Webinars

- Shorter free webinars and longer paid courses
- Opportunities to engage with other eXtyles users

User documentation

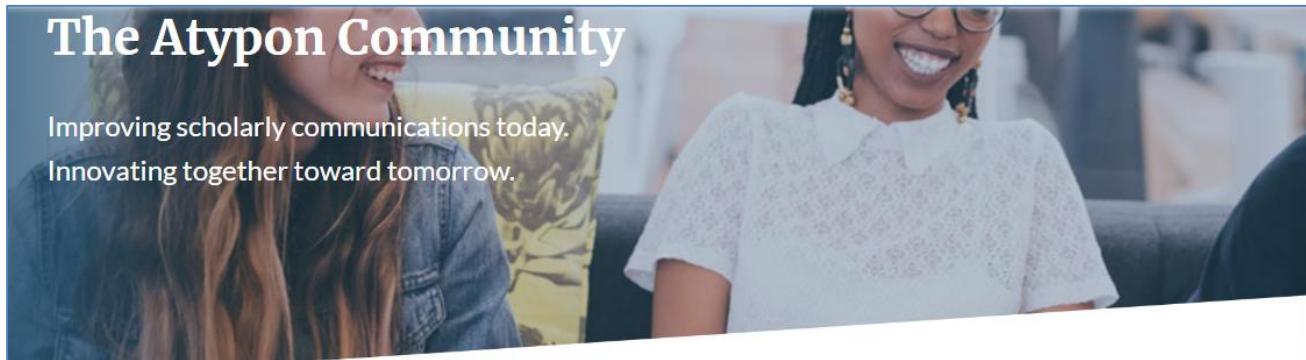
- Major update to ensure customers have access to current, complete online guides for the entire eXtyles family of products
- Will be completed in November
- Easy to search
- Easy to update (so you're always seeing the latest and greatest)
- More to come during the Inera flash talks

eXtyles User Documentation



Atypon community interest groups

- New initiative
- Open to Inera customers not on Literatum
- More to come during the Inera flash talks



OUR COMMUNITY INTEREST GROUPS INCLUDE:

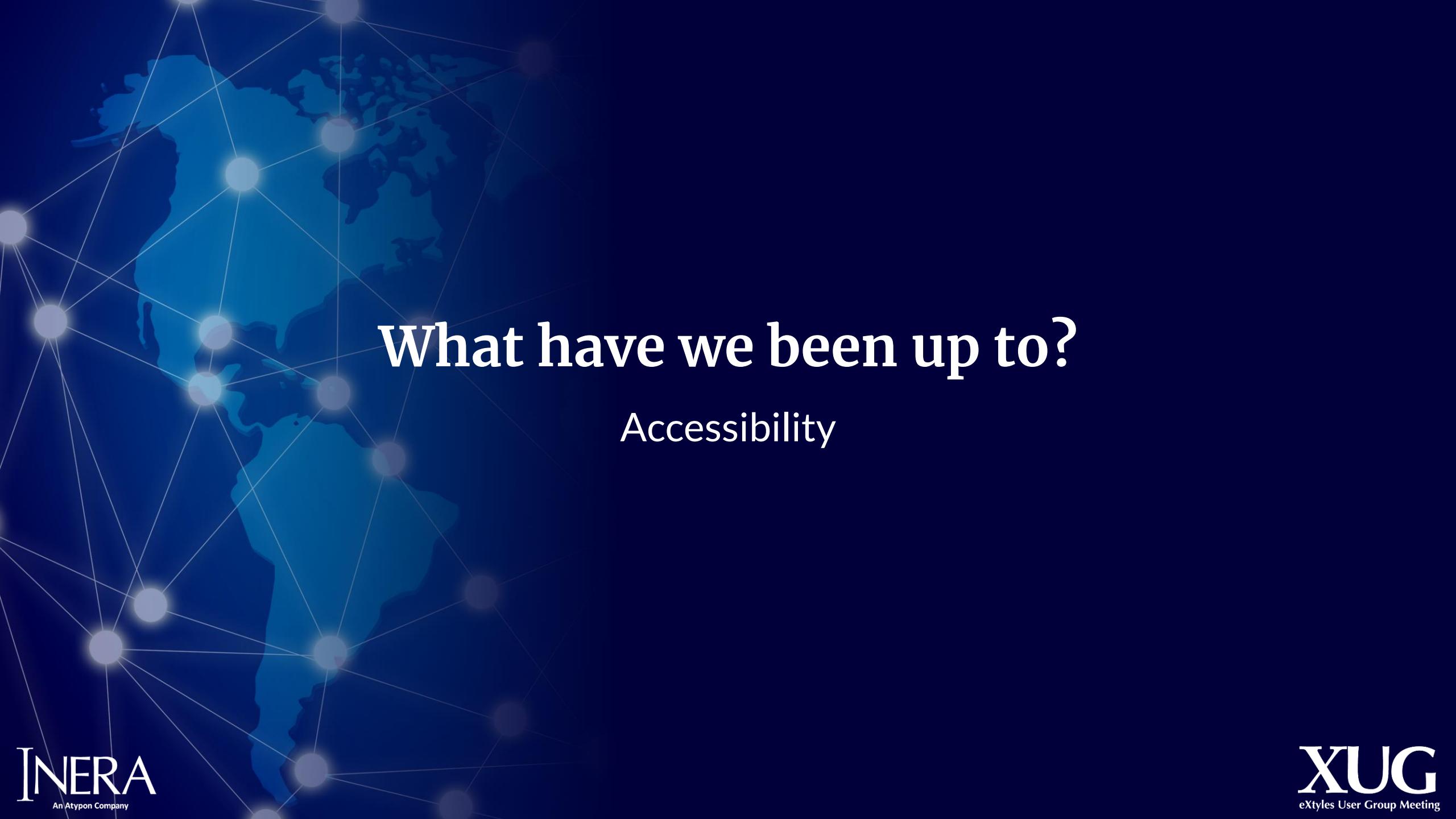
Accessibility: led by reps from the American Society of Civil Engineers and the American Association for the Advancement of Science

Open Access: led by reps from Canadian Science Publishing and the American Society for Microbiology

Publishing Workflows: led by reps from the American Institute of Physics and the American Heart Association

Offsite Discovery: led by reps from SAGE and the *New England Journal of Medicine*

[Sign up for a Community Interest Group!](#)



What have we been up to?

Accessibility

Blog series

- Ongoing project
- Will include information on accessible
 - Text
 - Images
 - Math

New on the Blog: “eXtyle + Accessibility” series



If you enjoyed last year's XUG session on using eXtyle to build accessibility into your documents, you'll want to check out our new blog series, which updates and expands on the information in that session.

The first post in the series, [eXtyle for Accessibility, Part 1](#), focuses on how eXtyle helps you remove barriers to accessibility caused by wacky font and character choices, poor or missing semantic structure, and misidentification of language.

eXtyle for Accessibility: Part 1

August 10, 2021

Accessible publications: What and why When we talk about creating accessible publications, we're talking about content that meets the needs of as many users as possible, including those with visual or print... [READ MORE](#)

Accessibility | eXtyle | Microsoft Word |
Resources | Semantic structure | XML



eXtyle and Accessibility

eXtyles VPAT

- What is a VPAT?
 - Voluntary Product Accessibility Template
 - Ensures compliance of eXtyles UI with accessibility standards
- Currently underway
- Will be publicly available once it's completed



What have we been up to?

Collaboration

Edifix

Reference processing in the cloud

- Integration of Cabells Predatory Reports
- Integration of Edifix into other workflow systems, including Xpublisher, Typefi, and ReX
- **More to come on Cabells and ReX tomorrow**



Edifix news: Welcome to our new partner Xpublisher!



We're delighted to welcome Xpublisher as an Edifix partner!

Xpublisher is a leading provider in multichannel publishing. The Xeditor and Xpublisher products simplify the creation, management, and publication of structured content, enabling the highly automated

production of magazines, books, and technical documentation. Founded in 2009 and headquartered in Munich, Germany, Xpublisher also operates in the United States and became part of the Fabasoft Group in 2019. Many leading international companies and organizations in aerospace, technology, education, publishing, public administration, and other industries rely on Xpublisher's solutions. Using the Edifix API, Xpublisher provides access to Edifix via an integrated interface:

Industry initiatives

- Inera team members continue to serve on the JATS, BITS, and STS working groups, JATS4R, society committees, and other collaborative efforts
- Speaking of collaborative efforts, **stay tuned for Nettie Lagace on what's new at NISO tomorrow**



What have we been up to?

eXtyle[®]

eXtyles stats

- As of early October, 248 new items in our master eXtyles release notes since XUG 2020
- ~35% of those were general improvements to eXtyles
- ~65% were customer-specific improvements
- 21 items were bug fixes
- Once again, roughly the same numbers as in previous years, though somewhat more weighted toward custom improvements
- **We'll highlight a few of those customer projects during the Problems and Solutions panel later today**

A few personal faves from the release notes

- It's somehow comforting to see that the typographical cleanup never ends:

11/2/2020	4657	All	6	AutoRedact	N	Added rules to clean up nested superscript/raised and subscript/lowered text (which can interfere with e.g. citation matching), so that the text is just subscript/superscript. See REM-1414
-----------	------	-----	---	------------	---	--

- I enjoy this one too:

11/18/2020	4670	All	2	Document Activation	N	Added a step during document activation to detect illegally sized styles (>1638 pt) and resize them to the size of Normal style. Previously this meant affected documents could not be activated. See EX-11707
------------	------	-----	---	---------------------	---	--

- And this!

4/22/2021	4784	All	13	CrossRef Validation	N	Change to drop leading zeroes from volume and issue numbers returned by Crossref
-----------	------	-----	----	---------------------	---	--

eXtyles support for JATS 1.3

- Added July 2021
- Customers who would like to update their JATS export to version 1.3 should contact us
- Get up to speed on the latest and greatest in JATS, BITS, and STS during Debbie Lapeyre's presentation tomorrow

<JATS>

eXtyles and math

- Major improvements to OMML export, including adding support for soft returns in equations
- These adjustments have improved the robustness of OMML math export and increased processing speed (an order of magnitude faster)

eXtyles and affiliations

- Automatic parsing of affiliations paragraphs into their components on XML export
 - Major update of department tagging
 - Added tagging of author role when it appears at the start of an affiliation
 - Now catches affiliations that contain a state but no city
 - Added improved support for two affiliations in a single paragraph
- Can be used to look up institutional IDs (e.g., ROR, Ringgold)
- Not turned on by default (contact us if you want it)

eXtyles and metadata

- Added handling to automatically add an xml:lang attribute on <trans-abstract> and <keywords> when no second language is supplied in the document metadata, based on a data file of abstract/keyword headings in non-English languages
- Expanded capabilities for importing data with eXtyles Metadata Browse
- Improved eXtyles Export for author, elocation-id, on-behalf-of, and funding-group elements based on PubMed feedback
- **Speaking of PubMed feedback, check out tomorrow's session from Joni Dames on depositing to PubMed Central**

eXtyles support for 64-bit Office

- Took longer than we anticipated, but we're in the home stretch
- This major project has positioned us to be much faster and more responsive with future updates
- **More to come during the Inera flash talks**

eXtyles Cloud

- We've talked about eXtyles Arc at previous XUGs
 - "Hands-free" version of eXtyles
 - Includes automated paragraph styling
- **eXtyles Arc is available now as a server implementation, and we'll hear more later today from one customer (FASS) who has adopted it**
- The next step is to bring that technology to the cloud



Why eXtyles in the cloud?



- Increasing desire for cloud-based products among current and potential customers
- Drive for businesses to automate and reduce the amount of repetitive human action
- More flexibility for a variety of workflows and better end-to-end publication experience
- Long-term risk reduction: eXtyles less tied to Microsoft

Decoupling eXtyles from Word

- As long as Word content exists, eXtyles will work with it
- We're creating a version of eXtyles that will operate outside of Word
 - in which all of those cool things eXtyles does to and with your document will be decoupled from the Word environment
- **More to come during the Inera flash talks!**

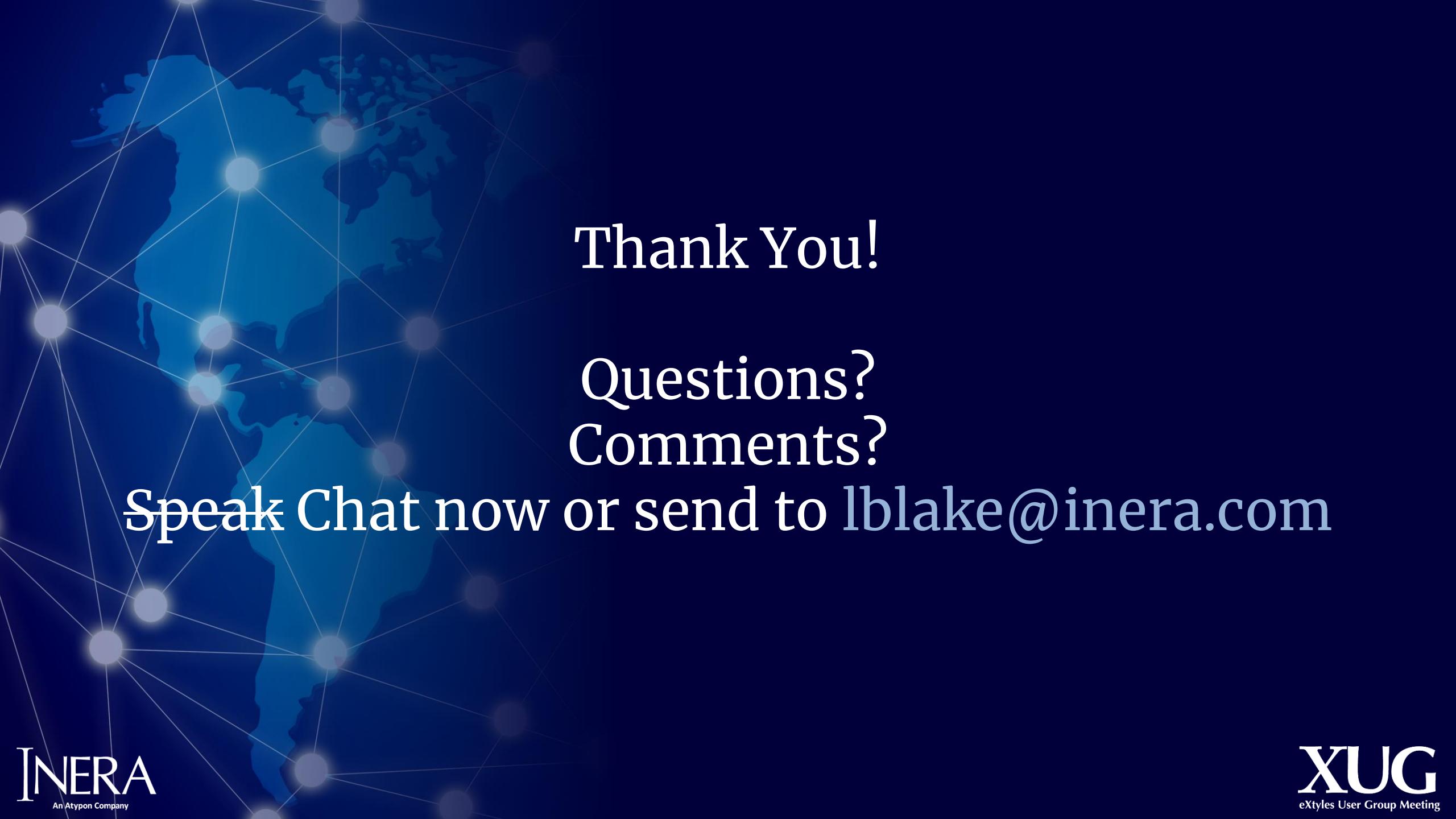
Benefits and goals of eXtyles Cloud

Faster, more flexible, lower risk

- Standardized, scalable solution
- Even more agile support
- Higher performance
- More stable output
- Not tethered to Word or Windows
- Presents opportunities for using XML earlier in the workflow

What does this mean for me?

- Project is underway, and will remain a major focus in 2022
- If you're interested in enhanced workflow automation and performance, let's talk!
 - Most appropriate for journal content (at least initially)
 - May explore launching pilots later next year
- No change to the desktop product
 - However: as we invest more in our cloud offerings, we are exploring ways traditional eXtyles users can reap the benefits
 - For example: adding a call to Edifix into the eXtyles UI? (**which Bruce will discuss tomorrow**)



Thank You!

Questions?
Comments?

Speak Chat now or send to lblake@inera.com