

#XUG2016

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User Group Meeting 2016

# Industry Update

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# Agenda

- QuickPoll
- CrossR~~ef~~ef
- PubMed
- Standards Update
- All Together Now
- On Being Published

# Industry Update QuickPoll (1)

- Who is (still) using
  - Word 2003, 2007?
  - NLM DTD 2.3 or earlier
    - Not on Highwire?
  - NLM Book
- Who is using
  - Windows 7
  - Word 2010

# Industry Update QuickPoll (2)

- In 2017, will your organization adopt?
  - JATS 1.0 or 1.1
  - BITS 1.0
  - BITS 2.0
  - ORCID
  - FundRef
  - CRediT
  - Windows 8.1, Windows 10
  - Office 2013, Office 2016

# Crossref

- New Crossref DOI display guidelines
- <http://blog.crossref.org/2016/09/new-crossref-doi-display-guidelines.html>
- “Hey Ho, “doi:” and “dx” have got to go”
- Original: doi:10.1063/1.3599050
- Newer: <http://dx.doi.org/10.1063/1.3599050>
- Newest: <https://doi.org/10.1063/1.3599050>
- Implement by March 2017

# PubMed Metadata

- [https://www.nlm.nih.gov/pubs/techbull/so16/so16\\_pubmed\\_change\\_reporting\\_errors.html](https://www.nlm.nih.gov/pubs/techbull/so16/so16_pubmed_change_reporting_errors.html)
- “Users who report citation errors in PubMed to NLM will be directed by NLM customer service to contact the publisher directly”
- With the implementation of PMDM, NLM is no longer routinely updating or correcting publisher-supplied citations
- Bruce’s take: Publisher intervention makes bad metadata inevitable

# PubMed: ~~Partial~~ Retractions

- PubMed to stop identifying partial retractions
- Partial Retraction: part of an article is retracted – e.g., a table or chart that does not affect the overall methodology or conclusions
- Since 2006 only 42 articles have been designated partially retracted, and from now on they will be classified as errata
- <http://retractionwatch.com/2016/09/29/medlinepubmed-will-stop-identifying-partial-retractions-heres-why/>

# Standards Update

- Unicode
- JATS
- BITS
- STS
- ALI
- CRediT



# Unicode 9

- Released 21 June 2016
  - 7,500 new characters (including 72 emoji)
  - 128,172 total characters
- Most is pretty obscure, e.g., early Church Slavonic
- <http://blog.unicode.org/2016/06/announcing-unicode-standard-version-90.html>

# Unicode 9 - What's New (Emoji)

- “Emoji make up 99% of the noise and hype surrounding Unicode 9.0, but they account for only 1% of the new characters.”
- <http://babelstone.blogspot.com/2016/01/whats-new-in-unicode-90.html>



- At the request of Apple (in response to several well-publicized emoji gun incidents), U+1F946 RIFLE and U+1F93B MODERN PENTATHLON were de-emojified

# Journal Article Tag Suite (JATS)

- Version 1.1 released 6 January 2016
- Why you need it
  - <institution-id>, <institution-wrap>
  - <code>
  - ORCID authentication attribute
  - ALI
- What's next? JATS 1.2 in-progress

# Book Interchange Tag Set (BITS)

- Version 1.0 released 11 Dec 2013
- Version 1.0 released 19 Feb 2016
- BITS 2.0 backwards with 1.0 compatible *except* Question and Answer, TOCs (toc-title-group), and Indexes (index-title-group)
- Great model. Use it!

# Standards Tag Suite (STS)

- ISO STS → NISO STS
- Standard DTD for Standards
- Steering and Technical group meetings
  - Monthly calls since Oct 2015
  - Draft version 0.1 available 8 November 2016
  - 5 week committee comment period
  - Public comment period early 2017
  - Vote by April 2017



# Tag Set Compatibility

- Compatibility of JATS Extensions with JATS
- Post to JATS list serve, 15 Jun 2016
- Philosophy of keeping JATS-derived tag sets aligned and non-conflicting
- Arose from BITS 2.0 TOC and Index changes
- Important to read if developing custom extensions to JATS/BITS/STS

- Annual JATS Conference
- Annual JATS/BITS/STS Conference
- April 25/26, 2017, Bethesda, MD
- STS Symposium, April 24 *or* 27
- Full archives (great resource!!!)
  - Papers, presentations, video
  - <http://jats.nlm.nih.gov/jats-con/previous.html>

# Access and License Indicators

- NISO Recommended Practice RP-22-2015: *Access and License Indicators*
- Standardizes bibliographic metadata to describe license and access details of journal articles in human- and machine-readable forms
- ALI provides information on whether a specific article is freely readable and what re-use rights might be available to readers
- <http://www.niso.org/workrooms/ali>



- Possible markup

- Suggested to JATS-List by Evan Owens

- Note: not yet endorsed by JATS working group

```
<contrib>
```

```
<name name-style="western"><surname>Smith</surname>
```

```
<given-names>John</given-names></name>
```

```
<role content-type="CRedit Taxonomy">Data Curation</role>
```

```
</contrib>
```

# CRedit 2016

- 2015 markup ok for now

- PLoS variant:

```
<contrib contrib-type="author">
```

```
<role content-type="http://credit.casrai.org/">Conceptualization</role>
```

```
<role content-type="http://credit.casrai.org/">Methodology</role>
```

- PLoS statement on CRedit:

<http://blogs.plos.org/plos/2016/07/author-credit-plos-and-credit-update/>

- JATS 1.2 may have new recommendations. Stay tuned...

# All Together Now

*One, two, three, four; Can I have a little more?*

*The Beatles, "All Together Now"*

- Plentiful standards
  - ORCID
  - Funding Data
  - Access and License Information (ALI)
  - CRedit
  - CrossMark

# Working Well Together

- These standards all work well together
- But they are not easy to implement well
- We see publishers struggle to “get it right”
- Funders, universities, publishers want the data
- Inera’s challenge: working with you to make it work better

# On Being Published

Caitlin Gebhard & Bruce Rosenblum.  
*Wrangling Math from Microsoft Word into  
JATS XML Workflows*. Learned Publishing.  
2016:29;271–279.

<https://doi.org/10.1002/leap.1058>

- What we learned...

# Article Submission

- Caitlin: “This will take 30 seconds”
- 25 minutes later... submitted... but with only Caitlin’s ORCID
- “Thanks for this, and I can only apologise ... One problem with the system is that it asks 100s of questions when authors usually only need to answer 10s...Anyway, I am very grateful you went through the trauma – now you only have the article editing trauma to come”

# Article Production

- Caitlin Gebhard: “I think there were upwards of 80 errors, and 3 or 4 were from the name-date conversion... The majority of the errors are repeated corrections, such as uncapitalizing 'Microsoft Word' wherever it appears. However, there are other errors that are more worrisome, such as the inversion of some author names in the reference list (see 'Gylling, McCoy, Etemad, and Matt, 2011', which should be 'Gylling.....and Garrish, 2011'. The final author's name is Matt Garrish).”

# Publication

- The final article came out well
- Wiley communication at all stages was really good
- Automatic ORCID update worked
- Kudos is encouraging additional author interaction
- Predatory publishers have contacted Caitlin requesting submissions



# Conclusions

- ePublication has progressed greatly
- The bar keeps getting raised
- It's gotten too complex for mere mortals
- Having a paper published was a great way to learn what's wrong and how to improve



# Thank You

#XUG2016

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