



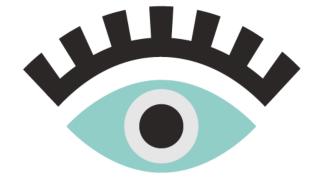
#EEMUG2020





PMUG

LiXuid MS



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#EEMUG2020



What did you just say?

Quick recap of LiXuid session



New 'XML Tool' Tasks to cover key processes

- Transforming, Validating and Importing XML ('Process' Task)
 - Custom transforms for converting XML (e.g. to/from Aries XML)
 - Validating to Aries or non-Aries XML DTDs (structure)
 - Applying Schematron Rules (structure and content)
- Sending XML to third parties (any Task)
 - Any Task can send out Companion File XML or Aries XML
- Online Editing of the full document text in EM ('XML Editing' Task)
 - By content experts; we hide the XML
 - Requires Aries XML file
- 'Full-Text Conversion' Task
- Page makeup/layout ('Autopagination')



Aries XML?

- XML Files can be handled as Companion Files
- But LiXuid MS adds new
 'Aries XML' file stream
- Specific XML format
 - Subset of JATS
 - Allows us to develop internal tools that expect this format



Aries XML – special XML file stream per submission





Aries XML?

- Subset of JATS 1.2 (Publishing)
 - 100% valid to JATS 1.2
 - JATS has 16 ways to link authors to affiliations; Aries XML has 1
 - This allows us to develop tools based on this narrower subset
- Aries Full-Text Tagging Guidelines
 - Not everything can be restricted by the DTD
 - E.g. "Empty" cross refs for numbered bibliographies allow automation
- Compliant with JATS4R
 - Optimized for re-use and machine readability



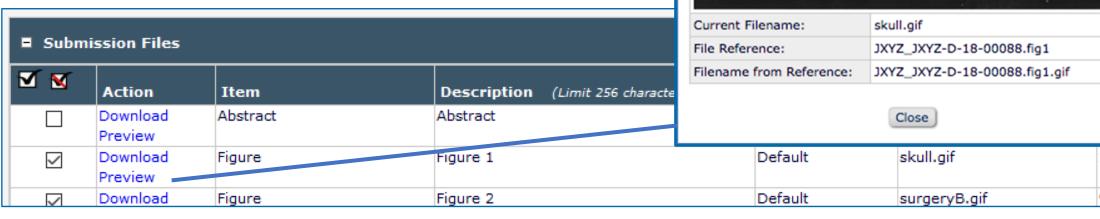
Additional PM/LiXuid-Related Features

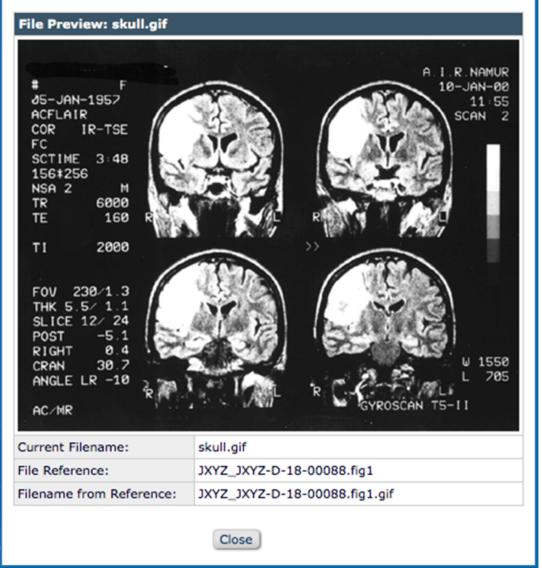
New, general EM/PM features developed to support LiXuid



Image File Previews

- Will be standard in PM
- Created on uploading image files
 - On Preview attempt for legacy files in Figure family
- Used by XML Editor





File References

- Available to everyone in 16.1
- Can be used to link related files.
- Can be used to rename files, e.g. for Production
- For LiXuid, can be used to automatically identify the correct image files to use in the XML Editor
 - Assuming Aries XML format used in XML

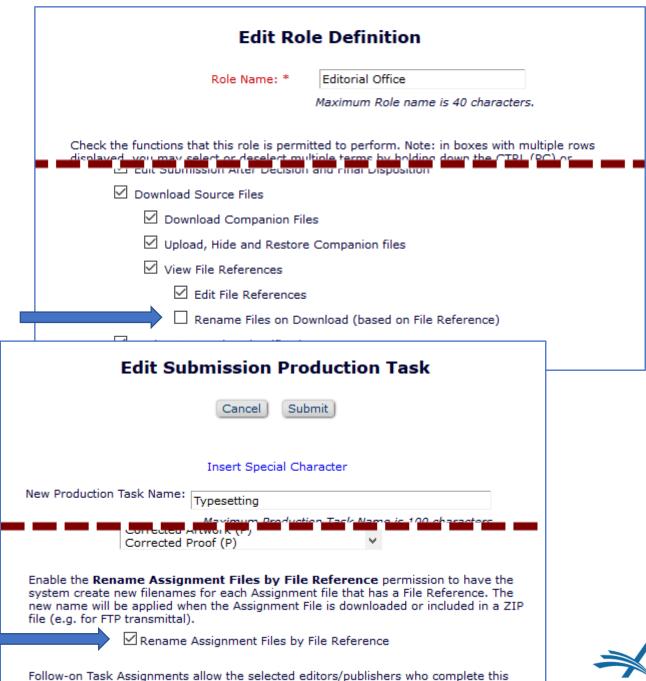


File Inventory Manuscript Number: Unassigned, DOI: Unassigned John MacJohn (UNITED KINGDOM): "Checking file reference behaviour" (View Submission PDFs)

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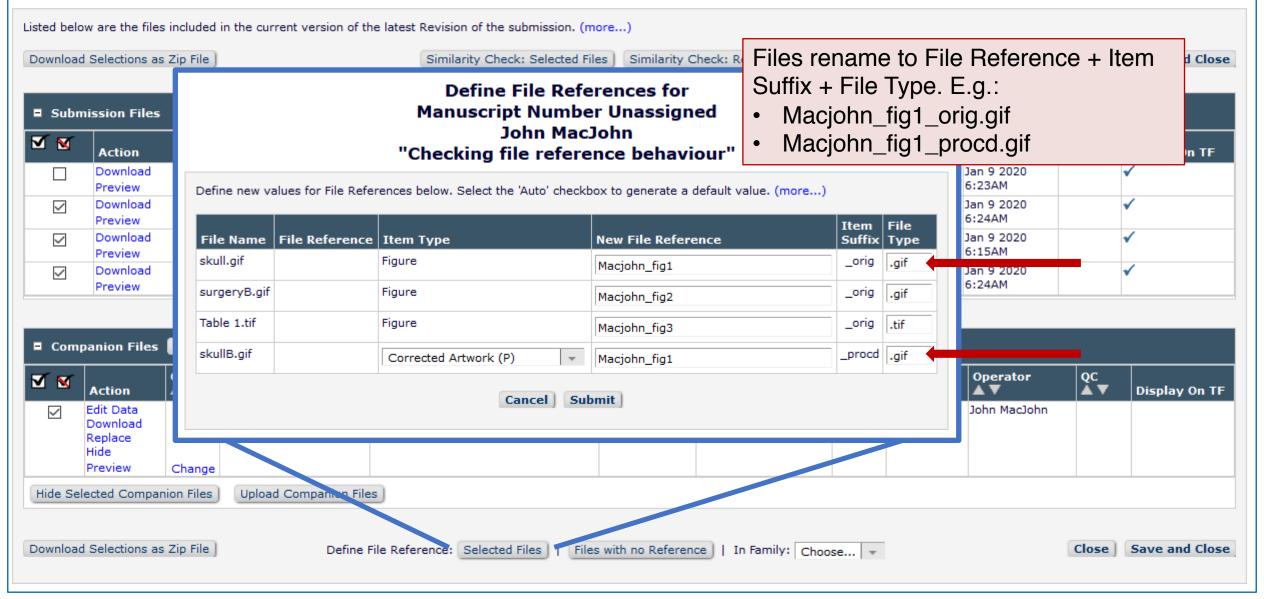
File Renaming

- Based on File References
 - + Item Type extension
 - + File format extension (.jpg, etc.)
- On download from File Inventory or Assignment Files
 - Depends on Role permission
- For Task Transmittal
 - When adding to ZIP files
 - Depends on Task configuration

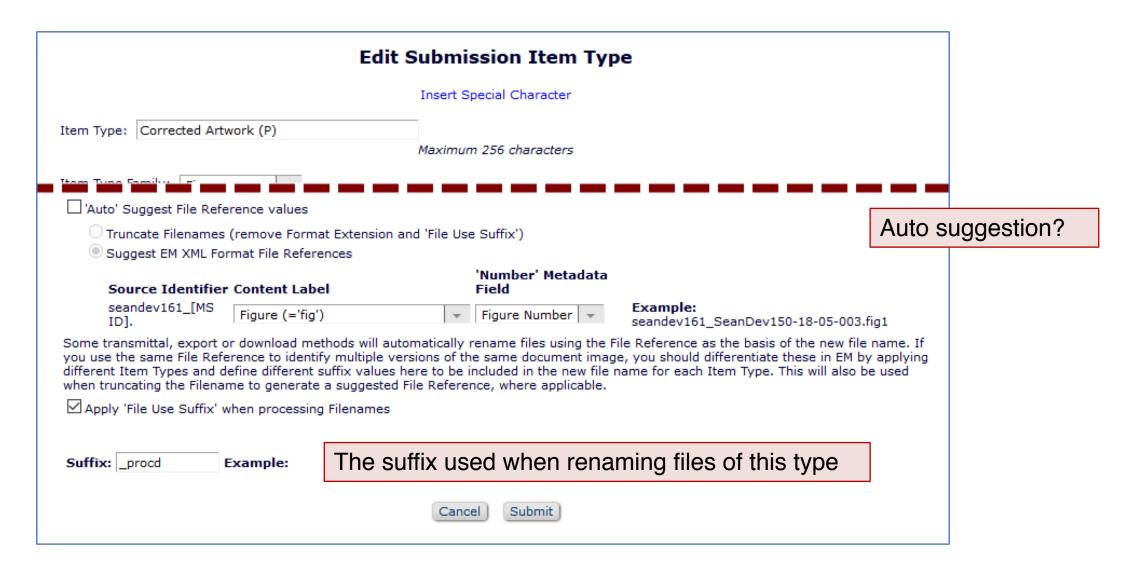




File Inventory Manuscript Number: Unassigned, DOI: Unassigned John MacJohn (UNITED KINGDOM): "Checking file reference behaviour" (View Submission PDFs)

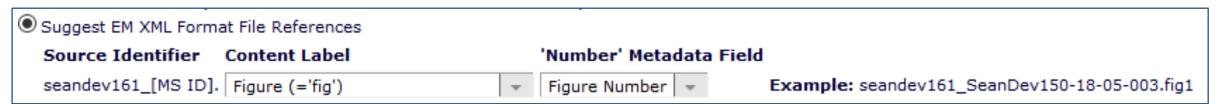


Item Type Configuration for Renaming



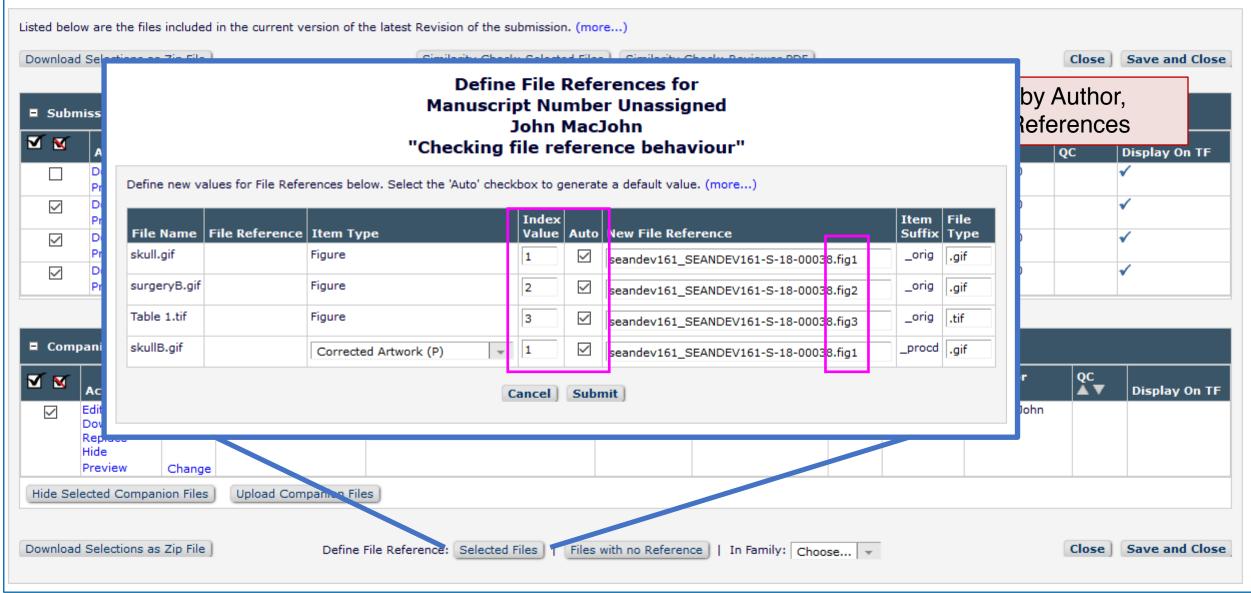
Automating File References

- If 'Auto' is enabled EM will suggest File Reference values
 - If it can, and there is no existing one
- Two options
 - Truncation the opposite to renaming
 - Aries XML File Format, ready for LiXuid Autoconversion
- Aries format requires Item Type Metadata field
 - To collect a 'Number' value
- Item Type Metadata can now be used for Companion Files
 - Collected on submission and/or File Inventory



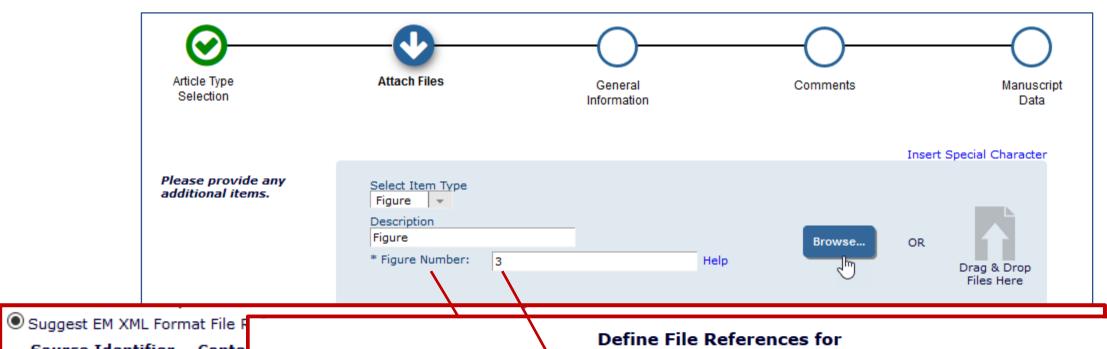


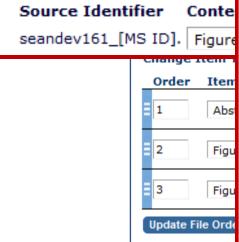
File Inventory Manuscript Number: Unassigned, DOI: Unassigned John MacJohn (UNITED KINGDOM): "Checking file reference behaviour" (View Submission PDFs)



Supplied by Author?







Define File References for Manuscript Number Unassigned John MacJohn "Checking file reference behaviour"

Define new values for File References below. Select the Auto' checkbox to generate a default value. (more...)

File Name	File Reference	Item Type		Index Value		New File Reference	Item Suffix	File Type
skull.gif		Figure		1	\checkmark	seandev161_SEANDEV161-S-18-00038.fig1	_orig	.gif
surgeryB.gif		Figure		2	\checkmark	seandev161_SEANDEV161-S-18-00038.fig2	_orig	.gif
Table 1.tif		Figure		3	~	seandev161_SEANDEV161-S-18-00038.fig3	_orig	.tif
skullB.gif		Corrected Artwork (P)	~	1	V	seandev161_SEANDEV161-S-18-00038.fig1	_procd	.gif

Cancel | Submit

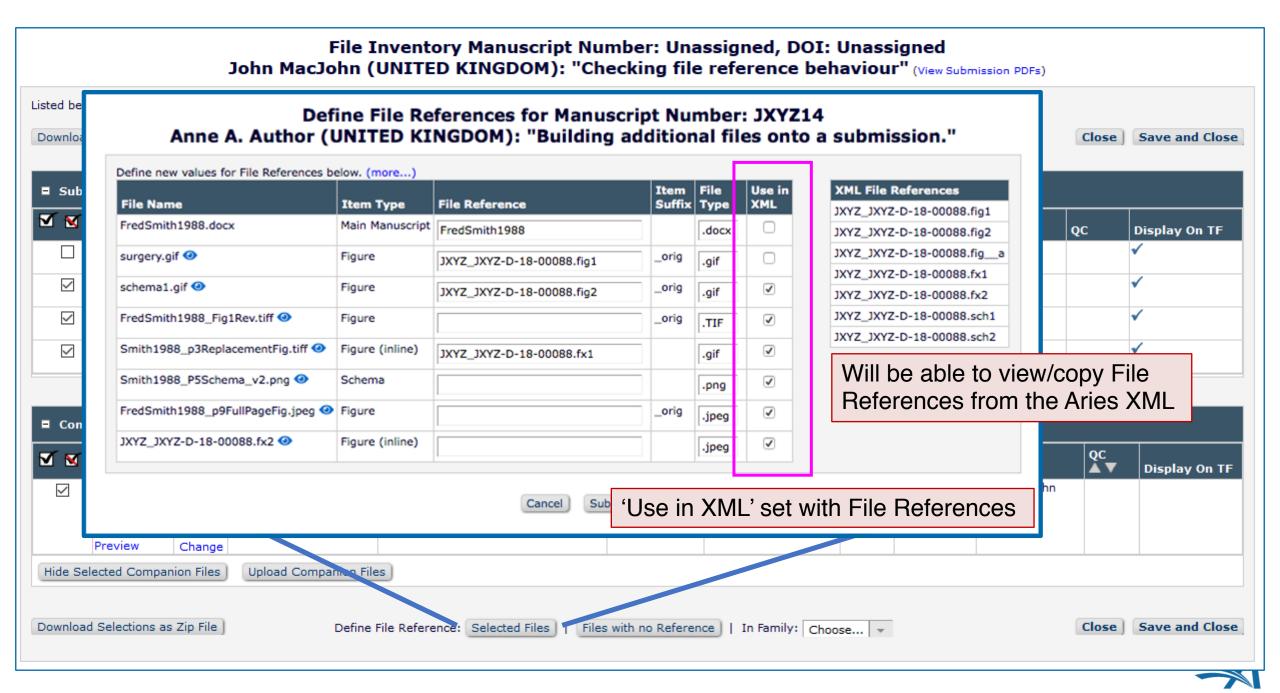


'Use in XML'

- Specific to LiXuid and Aries
 XML
- 'Use in XML' filters out unrelated files in Automatic Assignment

If 'Automatically Select Files for Assignment' is enabled, files in the submission File Inventory that match the configured File Types will appear pre-selected for manual task assignment or will be automatically included when a task is assigned automatically. Automatically Select Files for Assignment Restrict selection to XML-Related files Configure the Item Types for automatic selection. You may select multiple Item Types or de-select an Item Type by clicking on an item while holding down the CTRL key (Windows) or Apple/Command key (Mac). Important Note: if the task is an FTP task requiring a File on assignment, and the Task is configured to be Assigned Automatically, you must select an item here for the task to ever be assigned. [System-Generated PDF] [Full-Text XML] Biosketch Biosketch Photo Companion File going through Reference Checking CONSORT Agreement (only if required)

Submission Files										
Item	Description	Item Family	File Name	File Reference	Size	Last Modified	QC Results	Use in XML	Allow Download	
	PDF						N/A	✓		
Full-Text XML	XML		AJO_AJO-04-1344.xml		429.5 KB	Nov 01 2004 5:15PM	N/A	✓	✓	
Abstract (MUST be submitted as	Abstract (MUST be submitted as a	Default	041002 Safety Abstract		20 KB	Oct 4 2004	N/A			



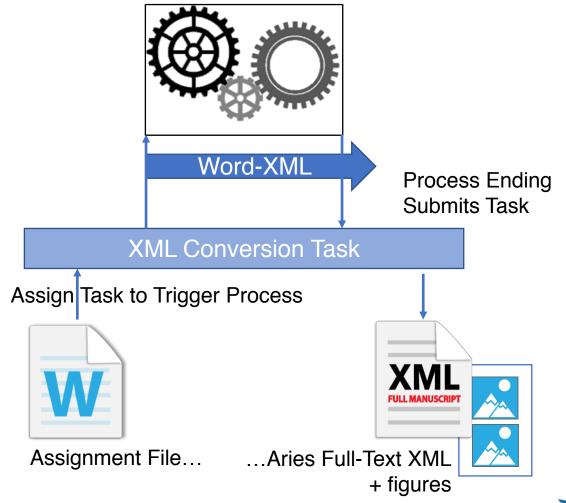
Why use File References?

Identifying external files supplied by the Author



Aries Full-Text Conversion Task

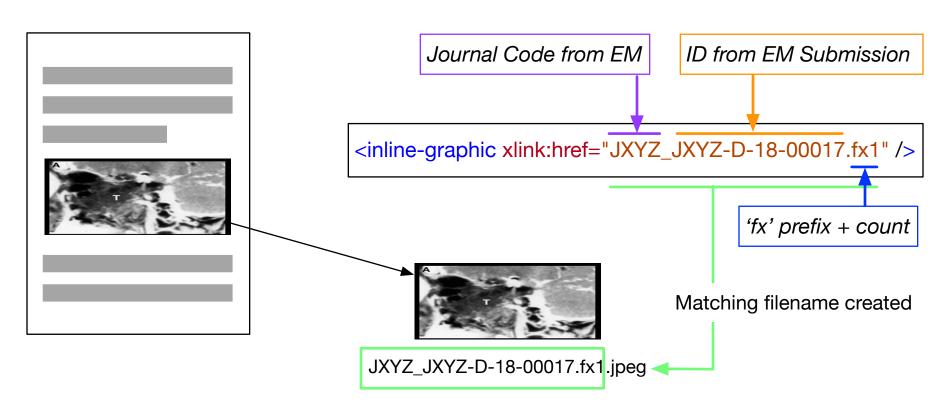
- XML Tool Task, assigned like any other
- Takes a Word document as the Assignment File
- Triggers a new system process
- Automatically converts Word document to structured XML
 - No template needed
 - Heuristics to deconstruct files with a variety of structures





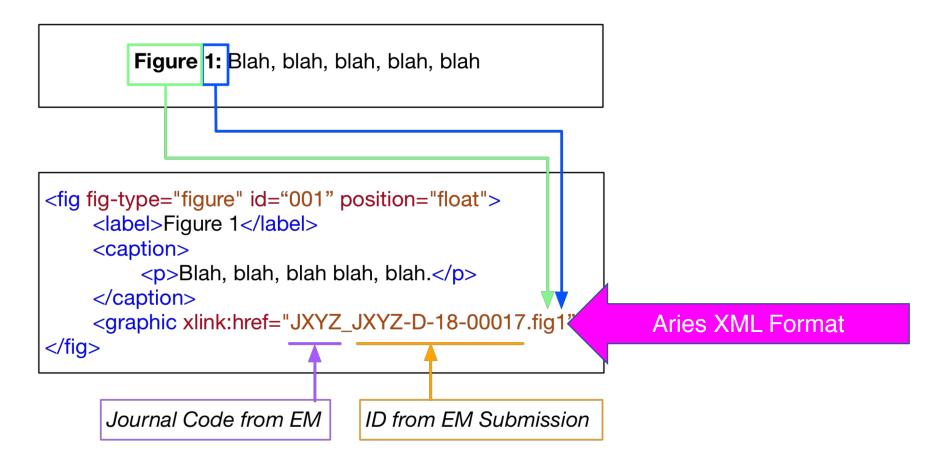
Full-Text Conversion: Embedded Images

Word file contains embedded image Conversion creates XML reference, extracts image, creates filename

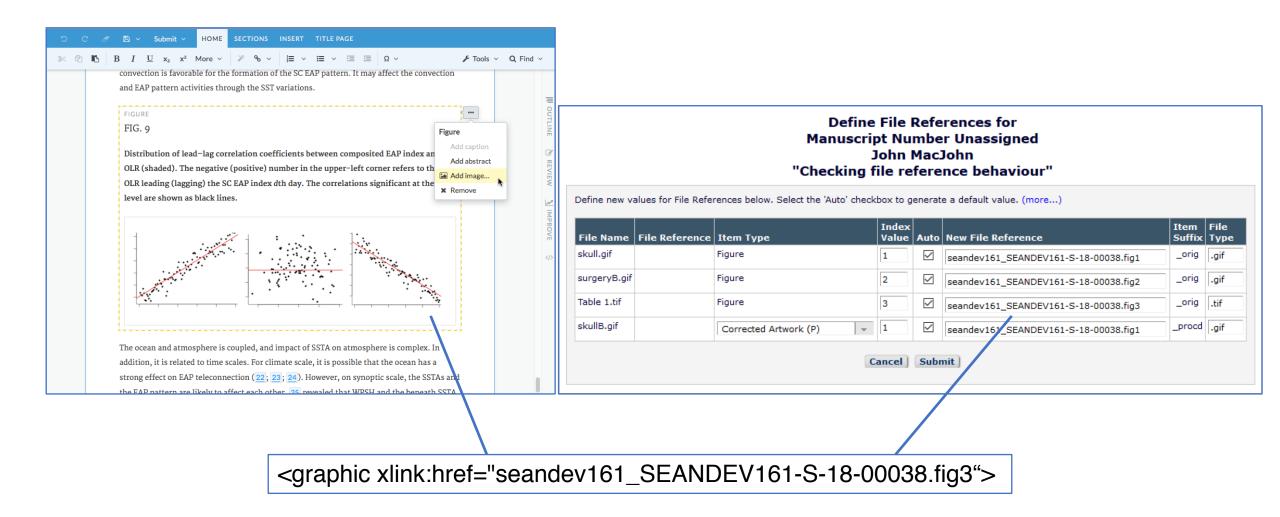


Full-Text Conversion: External Images

Conversion identifies a caption; builds XML version with an assumed filename



XML Editor Requests Image from EM



Moving on

That's quite enough about File References



Improved Item Type Mapping

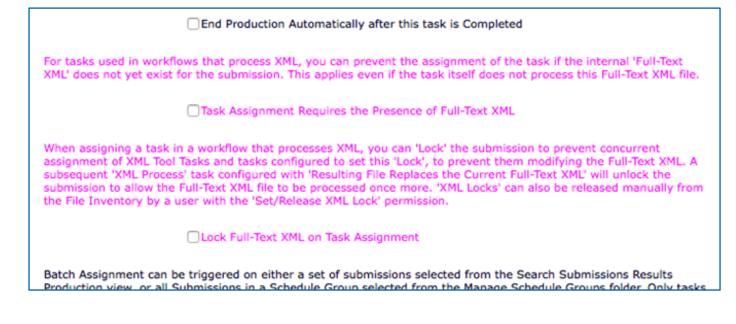
- Task configuration to map file extensions to Item Types
- Applies to files returned on Task completion
- Enhances existing 'Limit upload' options for all types of Task (not just LiXuid)

Companio	on File Optio	ns			
	Allow assigne Limit the Sub Use the table based on file except those	d companion mission Item below to rest extensions th with a special	Types that can be uplo crict the Item Types that that you enter (with or v	Submitted en submitting the task paded when Task is Submitted: at can be uploaded when a task is sulwithout periods), separated by spaces Production Task Import Methods, XM	s. If you
	Allow Upload	Default	Item Type	Identifying File Extension	
		0	none		^
	\checkmark	0	Online Figure	.jpg .jpeg .png	
	\checkmark	•	Print Figure	.tiff .eps	
		0	Manuscript		
	~	0	Author Proof	.pdf	~
	Show Task in	Production Sask in 'At Ris		date display	



Settings to prevent mis-assignment

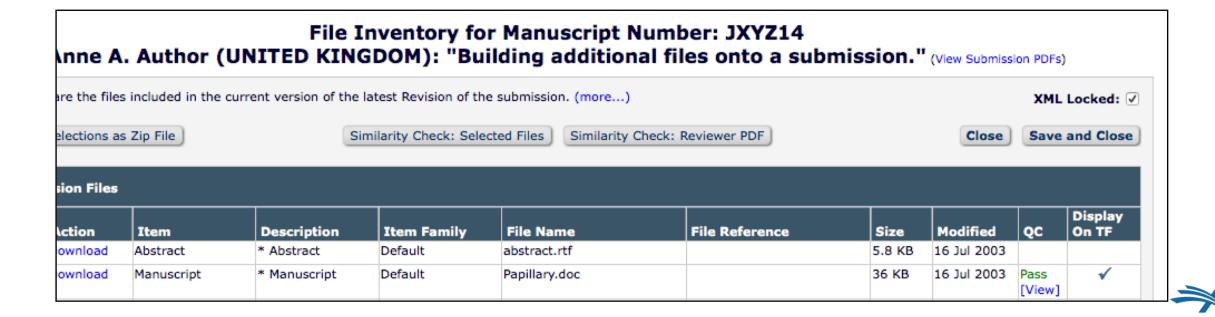
- Prevent Task Assignment if there is no Aries XML
- 'Lock' the XML when assigning the task
 - When Aries XML is processed by a 3rd Party



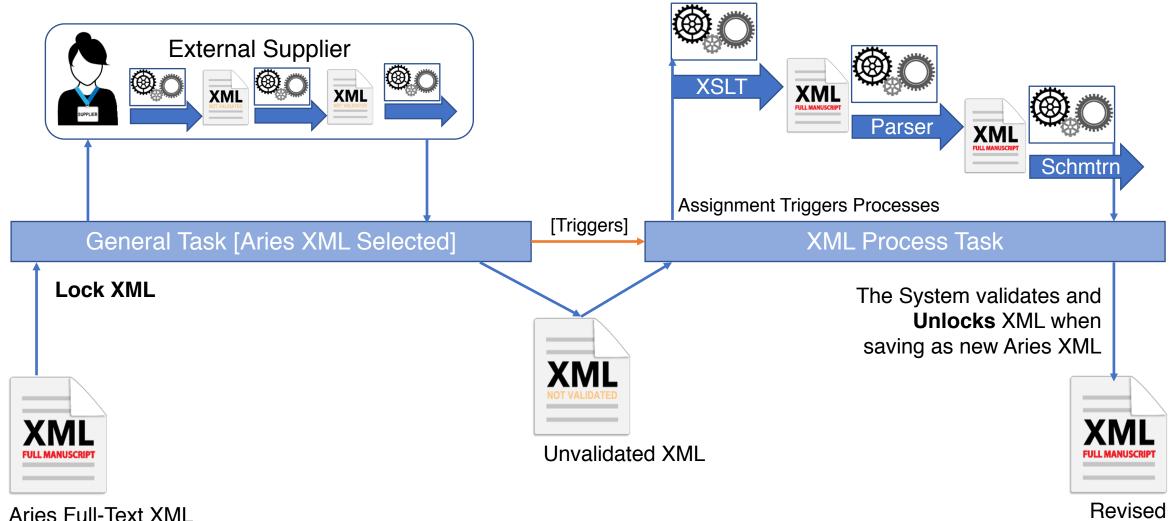


XML Locked

- Fail-safe setting to prevent XML Tool Task Assignment
- Replacing Aries XML 'Unlocks' the XML
- Or Unlock manually



Lock when 'round-tripping' Aries XML



Revised Aries Full-Text XML

Discussion

