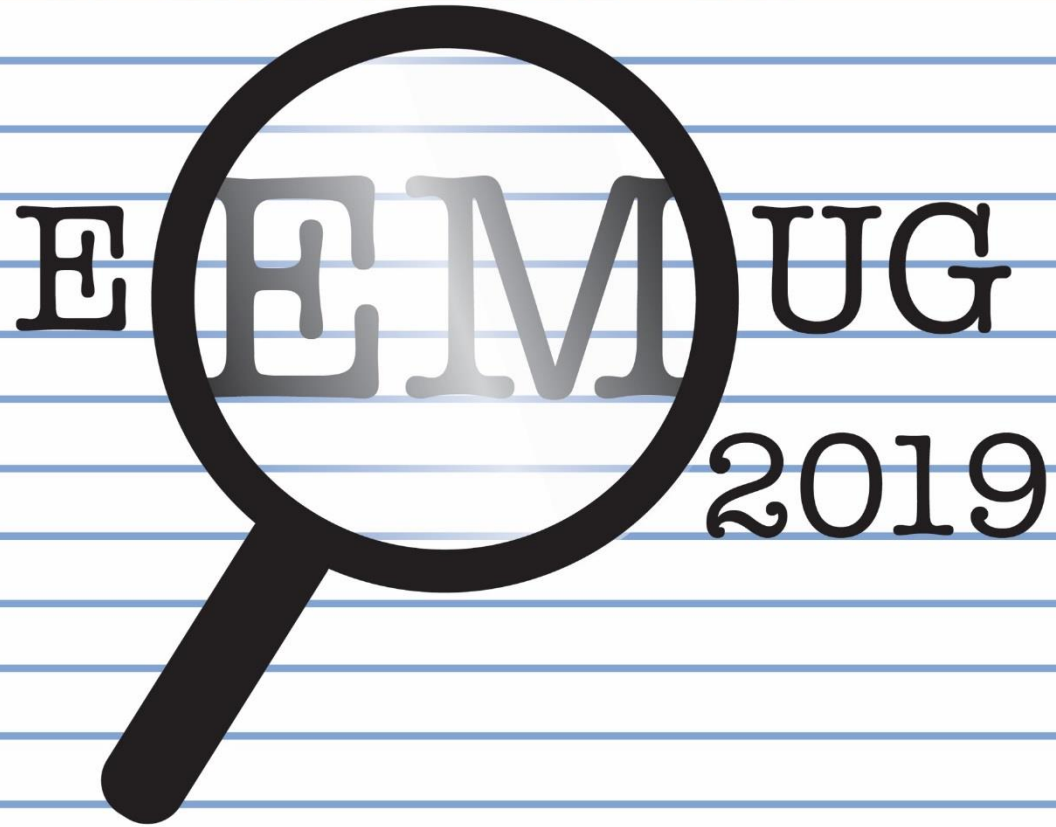


Welcome to



#EEMUG2019



# Editorial Manager Generic APIs (EM Version 15.1)

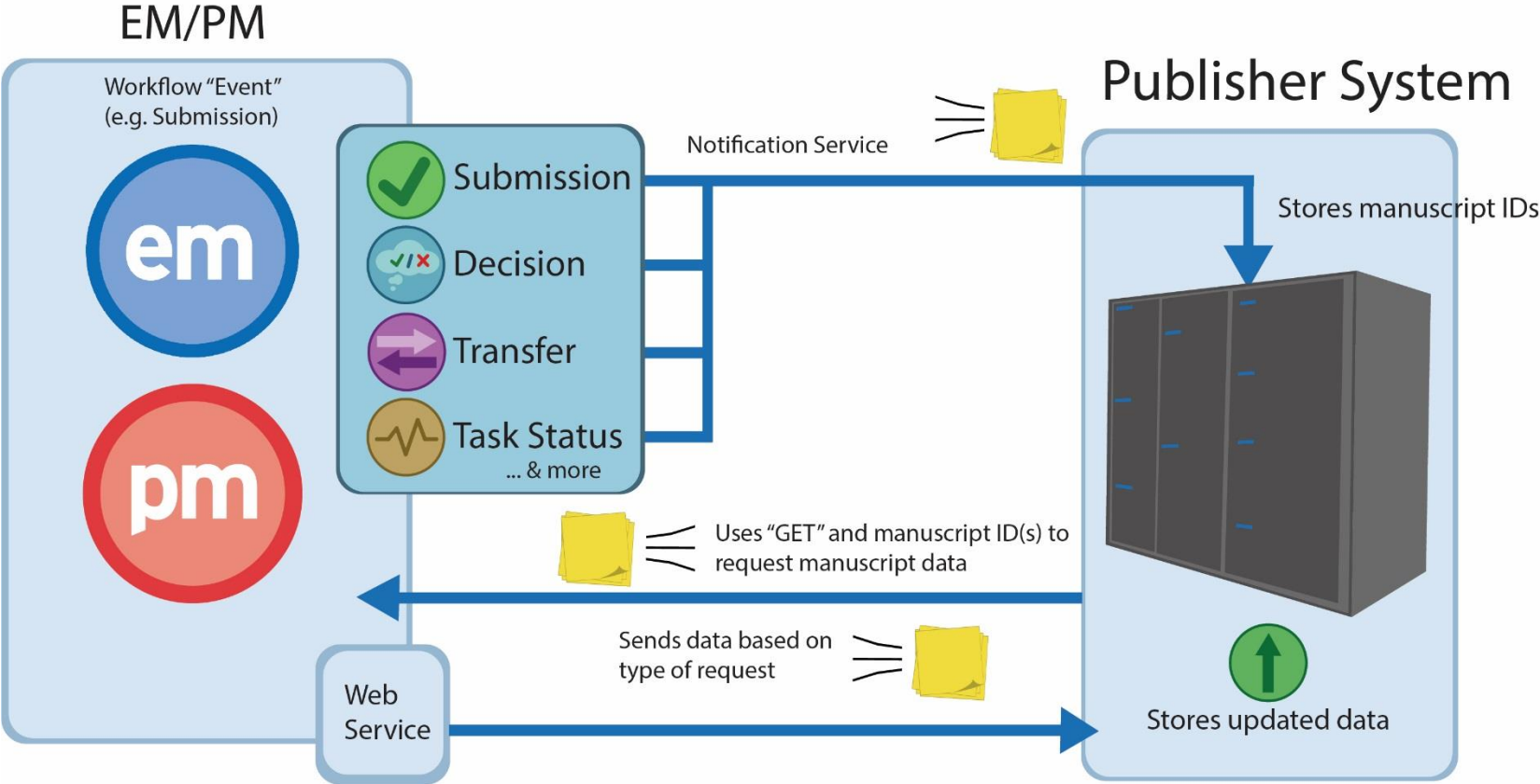
Caroline Webber

Senior Business Systems Analyst

cwebber@ariessys.com



# API Interactions

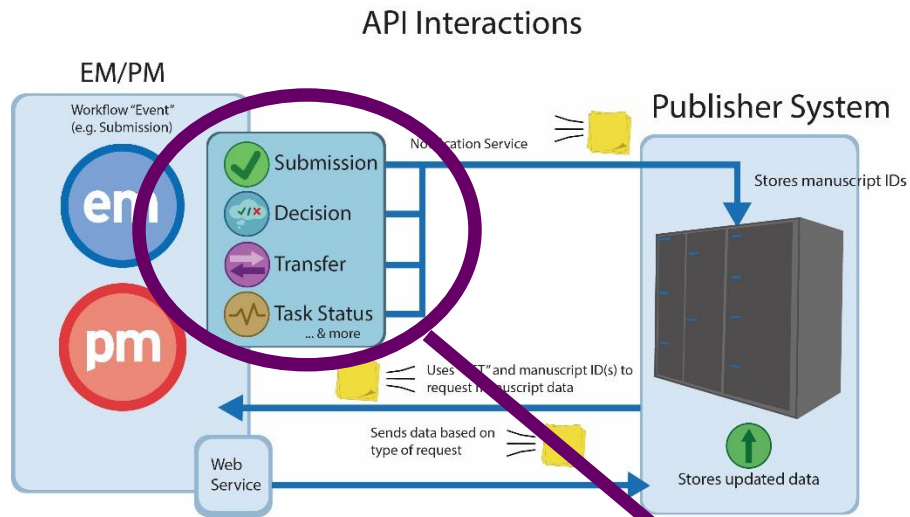


# Two new API Types available through EM

## Type I – Notification Service API

- Triggered by EM workflow events (configurable)
- Sends "notification payload" (metadata) to publisher system endpoints, in HTTPS querystring format
- Automatic retry built-in for up to 7 days





# Which “Workflow Events” trigger notification?

• **Configurable** – based on dozens of workflow events and each decision term. For example:

- New Submission
- Editor Assigned
- Required Reviews Complete
- Revised Submission sent to Publication
- Editor Decision - Accept
- Editor Decision - Major Revision
- Final Decision - Accept
- Submission Transferred to Publication
- Author Agrees to Transfer Submission

**Configure Notification Services**

Use this page to select the workflow events that will trigger a notification to be sent to the endpoints that you have configured for Notification Services. The events listed below can trigger the system to send a notification to any endpoints that are set up to receive notifications. Click the "Add New Endpoint" link for an event to add an endpoint to the list of endpoints that will receive notifications at the event.

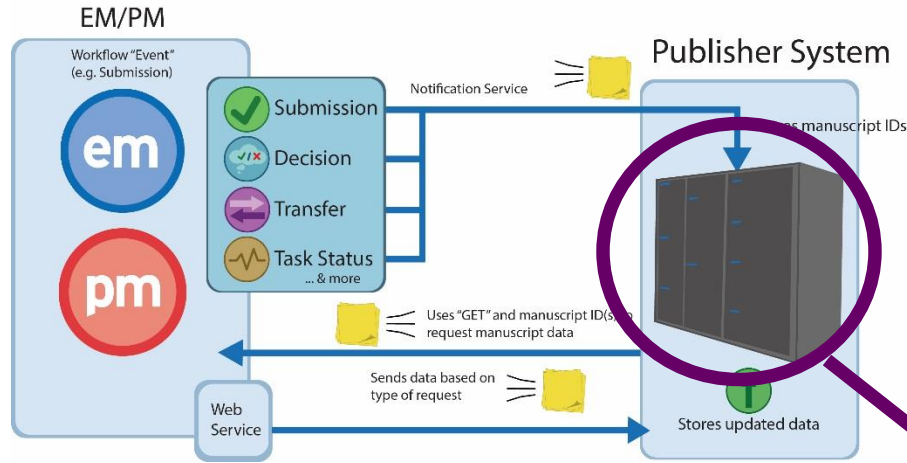
**Decision**

Event	Endpoints Notified
Accept	Testing Endpoint ( <a href="#">Remove</a> ) <a href="#">Add New Endpoint</a>
Minor Revision	Endpoint Subscribed to Revisions ( <a href="#">Remove</a> ) <a href="#">Add New Endpoint</a>
Major Revision	Endpoint Subscribed to Revisions ( <a href="#">Remove</a> ) <a href="#">Add New Endpoint</a>
Reject	<a href="#">Add New Endpoint</a>
Reject and Transfer	<a href="#">Add New Endpoint</a>
Reject - Inappropriate (hidden)	<a href="#">Add New Endpoint</a>
Final Disposition - Accept on Submission	First Endpoint for Accept Notification ( <a href="#">Remove</a> ) Second Endpoint for Accept Notification ( <a href="#">Remove</a> ) Third Endpoint for Accept Notification( <a href="#">Remove</a> ) <a href="#">Add New Endpoint</a>
Final Disposition - Accept	First Endpoint for Accept Notification ( <a href="#">Remove</a> ) Second Endpoint for Accept Notification ( <a href="#">Remove</a> ) Third Endpoint for Accept Notification( <a href="#">Remove</a> ) <a href="#">Add New Endpoint</a>
Final Disposition - Reject	<a href="#">Add New Endpoint</a>

**Task Status**



## API Interactions



# What are the "End Points"?

- **Configurable URLs.**  
Configured by you/Publisher and associated with appropriate workflow "events"

### Configure Endpoint Details

Endpoints configured on this page can be used to receive the notification payload for one or more subscribed events. Once you have configured an endpoint on this page, go to the [Configure Notification Services](#) page to select the events at which this endpoint should be notified.

If an endpoint is placed on hold, messages to this endpoint will continue to be created and queued, but will not be sent until the on hold status is removed. Messages older than 45 days will not be re-sent when the on hold status is removed.

If an endpoint is hidden, no messages will be created for this endpoint until it is restored.

[Create New Endpoint](#)

Actions	Name	URL	Subscribed Events	On Hold
<a href="#">Edit</a> <a href="#">Hide</a>	Test Endpoint	https://qa2-test3-api.editorialmanager.com/api/em/v1/utility/notification?username=sample_user	Accept Reject	<input type="checkbox"/>
<a href="#">Edit</a> <a href="#">Hide</a>	Test Endpoint 2	https://qa1-test2-api.endpointtest.com/api/em/v1/utility/notification?username=test		<input type="checkbox"/>
<a href="#">Edit</a> <a href="#">Hide</a>	Endpoint for Decisions	https://qa.test.endpointtest.com/api/em/v1/utility/notification?username=sample	Accept Reject	<input type="checkbox"/>
<a href="#">Edit</a> <a href="#">Hide</a>	On-hold Endpoint	https://qa.test.endpoint.com/api/em/v1/utility/notification?username=onhold		<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

[services](#)

Name:

URL:



# What gets sent? – "Notification payload" example

Publisher Endpoint

API message

[https://api.apitest.com/api/em/v1/endpoint?submissionId=DEMO151-D-17-1502&decisionType=ACCEPT&submissionTitle=Demo%20Web%20Services%20Submission&siteName=DEMO151&eventDate=2015-02-10T14:46:34Z&subscriptionId=143&messageUUID=75e084a8-a2af-4c03-9b14-791be0fe661c&documentId=1659707&decisionName=Accept%20as%20is&recDecisionType=TYPE\\_DECISION&documentStatusName=Accepted&subscriptionType=DECISION&subscriptionName=Editor%20Accept&documentStatus=Accepted&journalName=Demo%2015.1](https://api.apitest.com/api/em/v1/endpoint?submissionId=DEMO151-D-17-1502&decisionType=ACCEPT&submissionTitle=Demo%20Web%20Services%20Submission&siteName=DEMO151&eventDate=2015-02-10T14:46:34Z&subscriptionId=143&messageUUID=75e084a8-a2af-4c03-9b14-791be0fe661c&documentId=1659707&decisionName=Accept%20as%20is&recDecisionType=TYPE_DECISION&documentStatusName=Accepted&subscriptionType=DECISION&subscriptionName=Editor%20Accept&documentStatus=Accepted&journalName=Demo%2015.1)



# What gets sent? "Notification payload" example

- submissionID = Manuscript Number
- siteName = Aries Journal Code
- + Specific information about workflow event

```
https://test.endpoint.com?submissionId=DEMO151-D-17-1502&decisionType=ACCEPT&submissionTitle=Demo%20Web%20Services%20Submission&siteName=DEMO151&eventDate=2015-02-10T14:46:34Z&subscriptionId=143&messageUUID=75e084a8-a2af-4c03-9b14-791be0fe661c&documentId=1659707&decisionName=Accept%20as%20is&recDecisionType=TYPE_DECISION&documentStatusName=Accepted&subscriptionType=DECISION&subscriptionName=Editor%20Accept&documentStatus=Accepted&journalName=Demo%2015.1
```





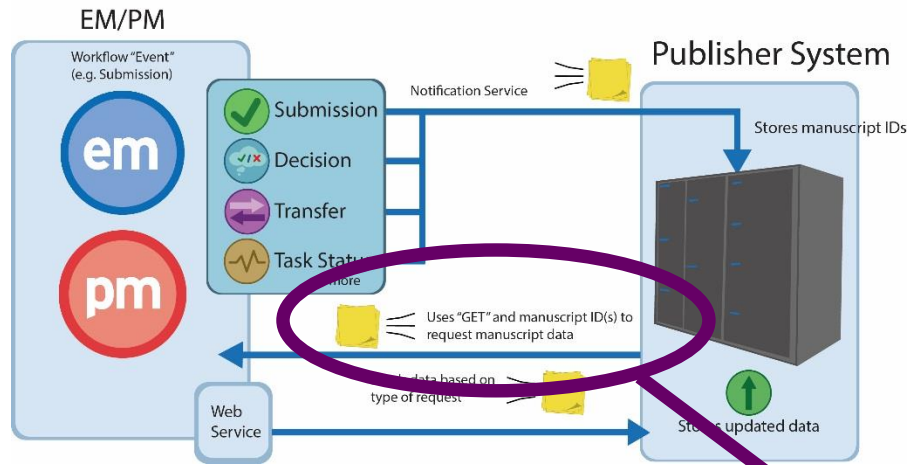
# Two new API Types available through EM

## Type 2 – Web Service API – "GET" Request

- Triggered on demand by Publisher system
- Request submission, author and reviewer structured data from EM when you need it
- Aries Journal Code and Manuscript Number (or document ID) are needed to retrieve metadata



## API Interactions



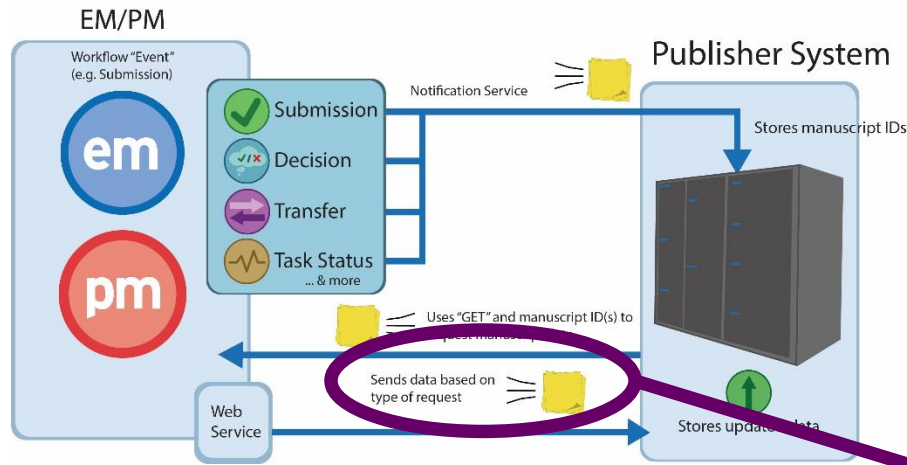
# How to send a Web Service Request to EM?

- HTTPS "GET" request
- Request includes one or more manuscript numbers/document ids and Aries journal code

Operation	Service Endpoint Address
getSubmissionInfoBasic DocumentId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/basic/metadata/documentids">https://api.editorialmanager.com/api/em/v1/submissions/basic/metadata/documentids</a>
getSubmissionInfoBasic SubmissionId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/basic/metadata/submissionids">https://api.editorialmanager.com/api/em/v1/submissions/basic/metadata/submissionids</a>
getSubmissionFullDocu mentId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/full/m etadata/documentids">https://api.editorialmanager.com/api/em/v1/submissions/full/m etadata/documentids</a>
getSubmissionFullSubm issionId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/full/m etadata/submissionids">https://api.editorialmanager.com/api/em/v1/submissions/full/m etadata/submissionids</a>
getAuthorBasicByDocu mentId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/basic/ contributors/authors/documentids">https://api.editorialmanager.com/api/em/v1/submissions/basic/ contributors/authors/documentids</a>
getAuthorBasicBySubm issionId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/basic/ contributors/authors/submissionids">https://api.editorialmanager.com/api/em/v1/submissions/basic/ contributors/authors/submissionids</a>
getAuthorFullByDocum entId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/full/c ontributors/authors/documentids">https://api.editorialmanager.com/api/em/v1/submissions/full/c ontributors/authors/documentids</a>
getAuthorFullBySubmis sionId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/full/c ontributors/authors/submissionids">https://api.editorialmanager.com/api/em/v1/submissions/full/c ontributors/authors/submissionids</a>
getReviewerInfoFullBy DocumentId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/full/re viewer/documentids">https://api.editorialmanager.com/api/em/v1/submissions/full/re viewer/documentids</a>
getReviewerInfoFullBy SubmissionId	<a href="https://api.editorialmanager.com/api/em/v1/submissions/full/re viewer/submissionids">https://api.editorialmanager.com/api/em/v1/submissions/full/re viewer/submissionids</a>



## API Interactions



# What data are returned by EM?

- Depends on which “GET” request was sent to EM
- Data returned in XML or JSON

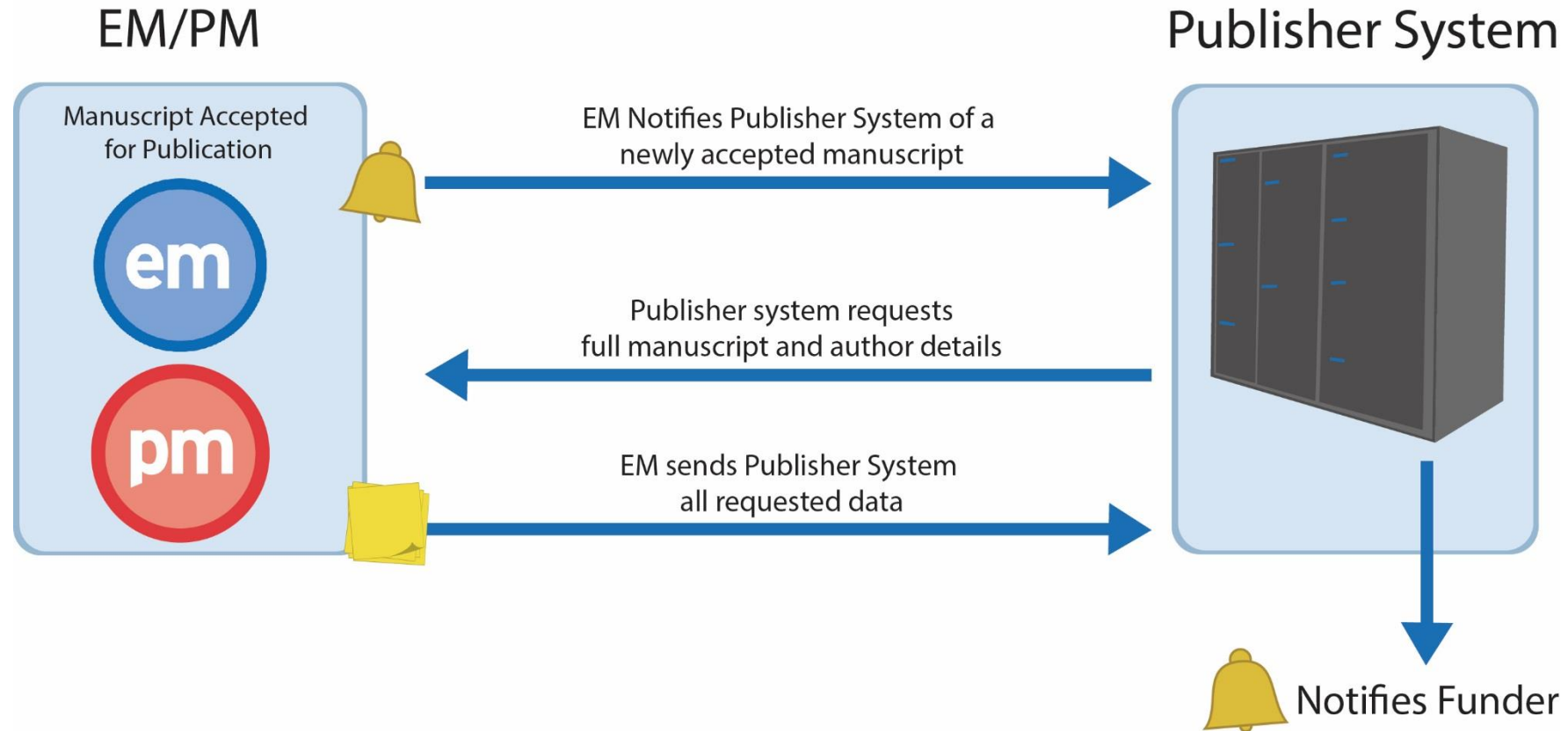
<https://api2.editorialmanager.com/api/em/v1/submissions/basic/metadata/documentids?external id=22222&site name=demo151&locale id=1& type=xml&ids=88026>

Example XML Response to the above request:

```
<Response>
  <profileCallId>22222</profileCallId>
  <callId>744ea98c-7d16-411c-8007-0689b60d0fd5</callId>
  <result>
    <authorFullName>Author, Amy</authorFullName>
    <authorMembershipId/>
    <authorORCIDId>2222-2222-2222-2222</authorORCIDId>
    <authorORCIDValidation>TRUE</authorORCIDValidation>
    <authorPersonId>686739</authorPersonId>
    <authorResearcherId>A-1061-2007</authorResearcherId>
    <documentId>88026</documentId>
    <inputIndex>0</inputIndex>
    <submissionDate>2013-10-18T20:56:15X</submissionDate>
    <submissionId>DEMO151-D-17-00005</submissionId>
    <submissionTitle>The Use of Computers in Elementary
    Classrooms</submissionTitle>
    <submissionType>Original Article</submissionType>
    <submissionStatus>
      <decisionName/>
      <documentStatusId>3</documentStatusId>
      <documentStatusName>With Editor</documentStatusName>
      <inDraftFlag>FALSE</inDraftFlag>
      <task>
        <taskStatusName/>
        <taskId/>
        <taskName/>
        <taskStatus/>
      </task>
    </submissionStatus>
  </result>
```



# Use Case Example: Funder Notification of Accepted Manuscript



## Other use cases include:

- Disclosure Form notification (custom questions)
- Copyright Form notification (custom questions)
- DataSalon integration
- APC system notification (also separate APC API available)
- Institutional notification (one of your authors was accepted)
- Social Media notification
- Update Client CMS system with author/manuscript details
- Updating AMS system with updated contact info, key words, etc.
- Updating client fulfillment/subscription systems
- Notification of flagged submission question received



# Reporting: Notification Services Monitoring Report

- Allows permissioned Editor to search for and view API messages
- Can be filtered to include any failed or pending messages, and cancel pending message if necessary
- Report results can be downloaded



# Notification Services Monitoring Report Criteria

### Notification Services Monitoring Report

Search Definition:

Use the criteria below to search for messages sent out to endpoints using EM Notification Services. If you select multiple criteria, the results returned will be limited to those messages that fulfill all of the selected criteria.

You may further refine your result set by selecting all, or choosing one or more values below. On a PC, multiple values may be selected by holding down the 'Ctrl' key on your keyboard, while using the mouse to select the desired items in the selection box. On a Mac, the 'Command' key is used while using the mouse to click the desired items.

<b>Endpoint:</b>	<input type="text" value="Test Endpoint"/> <input type="text" value="Second Endpoint"/> <input type="text" value="Society Endpoint"/> <input type="text" value="Endpoint for Accepted Papers"/> <input type="text" value="Endpoint for New Submissions"/>	<a href="#">Select All</a> <a href="#">Clear All</a>
<b>Subscribed Event:</b>	<input type="text" value="Accept"/> <input type="text" value="Minor Revision"/> <input type="text" value="Major Revision"/> <input type="text" value="Reject"/> <input type="text" value="Reject and Transfer"/>	<a href="#">Select All</a> <a href="#">Clear All</a>
<b>Message Status:</b>	<input type="text" value="Cancelled"/> <input type="text" value="Failed"/> <input type="text" value="Pending"/> <input type="text" value="On Hold"/> <input type="text" value="Expired"/> <input type="text" value="Success"/>	<a href="#">Select All</a> <a href="#">Clear All</a>
<b>Message GUID:</b>	<input type="text"/>	
<b>Document ID:</b>	<input type="text"/>	
<b>Manuscript Number:</b>	<input type="text"/>	
<b>Create Date:</b>	<input type="text" value="---"/> <input type="text" value="Today"/> <input type="text" value="Last 7 days"/> <input type="text" value="Month to date"/> <input type="text" value="Last month"/> <input type="text" value="Last 3 months"/> <input type="text" value="Last year"/> <input type="text" value="Year to date"/> <input type="text" value="Equal to"/> <input type="text" value="Before"/> <input type="text" value="After"/> <input type="text" value="Between"/>	



# Notification Services Monitoring Report Results

## Notification Services Monitoring Report

This report was run Jan 03 2019 10:45AM.

**Contents:** Message Status equal to "Success"

[Download the report results](#)  
[Save Search Criteria](#)

Page: 1 of 3 (25 total records)

1 2 3 >> >|

Display 10 results per page.

Actions	Message GUID	Create Date	Status	Subscribed Event	Endpoint Name	Document ID	Manuscript Number
<a href="#">Details</a>	a1c8c491-490e-41d4-a7cd-4588f2547bd1	Aug 15 2018 12:25PM	Success	Editor Decision	RequestBin	6568	DMITRIDEV151-D-18-00026
<a href="#">Details</a>	7e38201a-f100-450a-a9ad-8c02f8df1d10	Aug 15 2018 12:25PM	Success	Editor Decision	RequestBin	6568	DMITRIDEV151-D-18-00026
<a href="#">Details</a>	9a31ff76-bc4d-4701-baf6-d4aaafd2d858	Aug 15 2018 12:24PM	Success	Editor Assigned (Not Invited)	RequestBin	6568	DMITRIDEV151-D-18-00026
<a href="#">Details</a>	12f950ce-b82c-4fff-97b2-1a228b71d87d	Aug 15 2018 12:23PM	Success	New Submission Sent to Publication	RequestBin	6568	DMITRIDEV151-D-18-00026
<a href="#">Details</a>	5944e978-3aff-44a8-8a35-1c6bc59f69a6	Aug 15 2018 12:23PM	Success	New Submission Sent to Publication	RequestBin	6568	DMITRIDEV151-D-18-00026
<a href="#">Details</a>	4723681e-9807-4ca0-accb-e333c4ae6b3b	Aug 14 2018 3:34PM	Success	Reviewer Invited	RequestBin	6536	DMITRIDEV150-D-18-00016
<a href="#">Details</a>	4bff91b2-bd6e-4593-bff3-4f8e13151f54	Aug 14 2018 3:33PM	Success	Submission Sent Back to Author	RequestBin	6156	CAROLINEDEV13000002
<a href="#">Details</a>	0b786b3a-164d-4e9e-9f6e-059e058eeeee	Aug 14 2018 2:39PM	Success	Reviewer Invited	RequestBin	6322	CAROLINEDEV131-D-16-00016
<a href="#">Details</a>	43bf9d0c-9c95-4163-85f6-69c02787bc78	Aug 14 2018 2:38PM	Success	Submission Sent Back to Author	RequestBin	6294	CAROLINEDEV13000018
<a href="#">Details</a>	fc9662ad-7025-4e06-8f3d-d0da2b2d3213	Aug 14 2018 2:38PM	Success	Submission Sent Back to Author	RequestBin	6308	CAROLINEDEV13000023

Page: 1 of 3 (25 total records)

1 2 3 >> >|

Display 10 results per page.

[Download the report results](#)  
[Back to Notification Services Monitoring](#)  
[Editorial Menu](#)





# Notification Services Monitoring Report Details popup

**Notification Services Monitoring Report**

Contents: Message

### Message Delivery Details - a1c8c491-490e-41d4-a7cd-4588f2547bd1

**Message Delivery Details**

<b>Message GUID:</b>	a1c8c491-490e-41d4-a7cd-4588f2547bd1
<b>Create Date:</b>	Aug 15 2018 12:25PM
<b>Notification Status:</b>	Success
<b>Endpoint Name:</b>	RequestBin
<b>Subscribed Event:</b>	Editor Decision
<b>Document ID:</b>	6568
<b>Manuscript Number:</b>	DMITRIDEV151-D-18-00026
<b>Next Attempt:</b>	
<b>Expires:</b>	
<b>On Hold Start Date:</b>	
<b>Notification Payload:</b>	<a href="http://mongo.ariessc.com/rcrao7rc?submissionId=DMITRIDEV151-D-18-00026&amp;submissionTitle=TT32971+Test&amp;siteName=dmitridev151&amp;eventDate=Aug+15+2018+12%3a25PM&amp;subscriptionId=2&amp;subscriptionName=Minor+Revision&amp;subscriptionType=DECISION&amp;documentId=6568&amp;documentStatusName=Revision+Submitted+ificationServiceVersion=V1&amp;messageUUID=a1c8c491-490e-41d4-a7cd-4588f2547bd1&amp;recDecisionType=TYPE_RECOMMENDATION&amp;decisionType=Revise&amp;decisionName=Minor+Revision">http://mongo.ariessc.com/rcrao7rc?submissionId=DMITRIDEV151-D-18-00026&amp;submissionTitle=TT32971+Test&amp;siteName=dmitridev151&amp;eventDate=Aug+15+2018+12%3a25PM&amp;subscriptionId=2&amp;subscriptionName=Minor+Revision&amp;subscriptionType=DECISION&amp;documentId=6568&amp;documentStatusName=Revision+Submitted+ificationServiceVersion=V1&amp;messageUUID=a1c8c491-490e-41d4-a7cd-4588f2547bd1&amp;recDecisionType=TYPE_RECOMMENDATION&amp;decisionType=Revise&amp;decisionName=Minor+Revision</a>

**Notification History**

Actions	Message	Number
Details	a1c8	51-D-18-00026
Details	7e30	51-D-18-00026
Details	9a3	51-D-18-00026
Details	12f	51-D-18-00026
Details	594	51-D-18-00026
Details	472	50-D-18-00016
Details	4bf	DEV1300002
Details	0b7	DEV131-D-16-0016
Details	43b	DEV1300018

# Benefits

- Notify publisher systems about one or more configurable “events” in manuscript workflow
- Configure "end points" according to your own IT needs
- Request/"GET" submission, author and reviewer structured data when you need it
- Highly configurable and available “out of the box”
- Build richer and more useful workflows for your authors, reviewers, editors and admin staff
- No additional charge



# Submission Updates via EM Web Services API – EM Version 16.0

EM will now allow additional submission data, specifically Additional Manuscript Detail (AMD) fields, to be sent to EM with the intention of populating or overwriting data already in those EM fields.



# Additional Information and Configuration

- Activated by Aries Client Services
- Security Models built-in ([https](https://); Digest Access Authentication Method)
- AdminManager – Configure Endpoints for Notification Services, Configure Notification Services pages
- Editor RoleManager – Access Notification Services Monitoring Tool
- Documentation available



## Future Enhancements to the API:

**We are looking to our customers to define how this general API should be enhanced, and to prioritize those additions. Some general improvements:**

- Make more fields and tables accessible via the API
- Be able to receive data from other systems
- Be able to write to, and replace data in the EM/PM database
- Be able to send files via the API
- Be able to receive files via the API



## Early Proof API

The publishing process is contracting. Authors demand shorter time to publication, and journals want early versions of manuscripts available for author proofing, to send to preprint servers and to perform analytics.

**SOLUTION: An API sends files and data to a third party system for processing. This allows publications to link a submission record in EM to an alternative version within another system. The API also allows data to be sent from the other system to update select fields in EM.**



# Early Proof API

**Details for Manuscript Number: Unassigned "15.0-22 Test 3"**

Cancel Save Save and Close

Abstract Manuscript Notes Editors Reviewers Alternate Reviewers Reviewers Proposed by Editors Additional Information Production Notes

**Full Title:** 15.0-22 Test 3

**Early Proof URL:** [www.externalsystem.com/manuscriptidentifier](http://www.externalsystem.com/manuscriptidentifier) [Edit]

**Preprint DOI:**

**Manuscript Number:**

**Corresponding Author:** Buzz Lightyear Aldrin, Massachusetts Institute of Technology  
Search for articles by this author in Knowledge Finder® UltraMed™ MEDLINE® !

**Corresponding Author E-Mail:** [subnoske@ariessc.com](mailto:subnoske@ariessc.com)

Quicklinks



Revised

Contents: These are the revised submission

Page: 1 of 1 (5 total submissions)

Action	Manuscript Number	Article Type	Article Title	Section Category	Author Name	Initial
<ul style="list-style-type: none"><li>View Submission</li><li>Details ▾ ⚠</li><li>Initiate Discussion</li><li>History</li><li>Technical Check</li><li>File Inventory</li><li>Edit Submission</li><li>Send Back to Author</li><li>Classifications</li><li>Set Final Disposition</li><li>Initiate Production</li><li>View Reviews and Comments</li><li>Similar Articles in MEDLINE</li><li>Send E-mail</li><li>Linked Submissions</li></ul>	SALLYDEV130-D-16-00101R1	APC (really Name purpose)			Aldrin PhD ▾ !	Jun 30

**Select a PDF Version**

[View Early Proof](#)

**Author/Editor PDF**  
Revision 1  
Original Submission

**Reviewer PDF**  
Revision 1  
Original Submission

Close



## Early Proof API

Publications may export changes made to submission metadata in EM to the third-party editing system

This allows for two-way editing between EM and the third party, as changes made in one place will now synchronize to the other

Six metadata fields are eligible for exchange via the API: Article Title, Secondary Article Title, Abstract, Secondary Abstract, Keywords, Secondary Keywords





Questions?????

