

Welcome to the 17th Annual
EMUG BOSTON

#EMUG2019



EMUG 2019

EM Transactional API and Other APIs

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Editorial Manager APIs

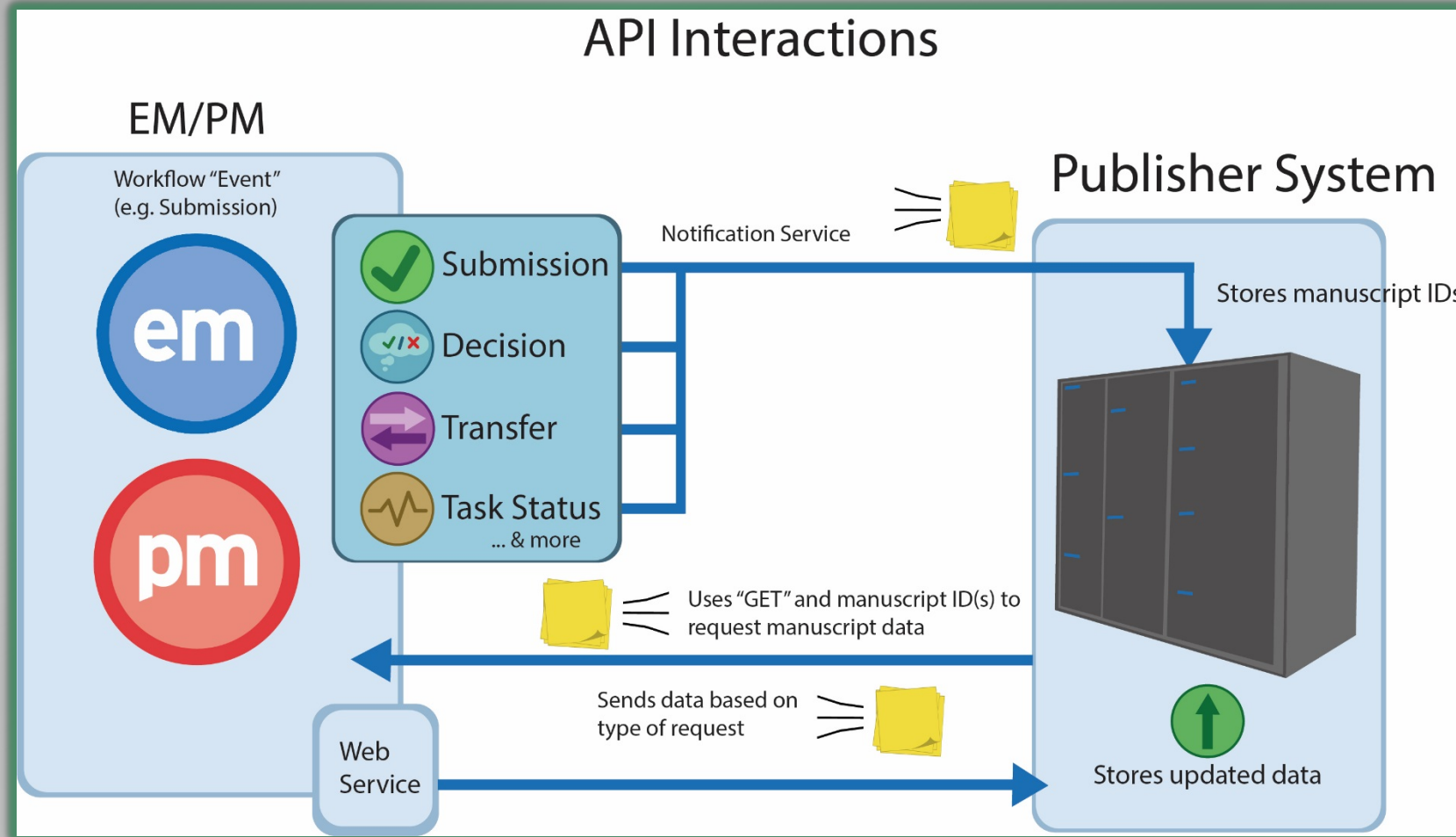
- EM Web Services (“Generic API”)
- External Reviewer Finder
- Taxonomy/Classification Update integration
- Coming soon: Repository integration
- Coming soon: QA tool integration

EM Web Services

Web Services & Notification Services

- Notification Services
 - Triggered by EM workflow events
 - Sends payload with document ID and updated status in a query string
 - Customers can configure endpoints for notification and select which events will notify each endpoint
- Web Services
 - Called on demand by API client
 - Returns set of submission, author, or reviewer data for a submission

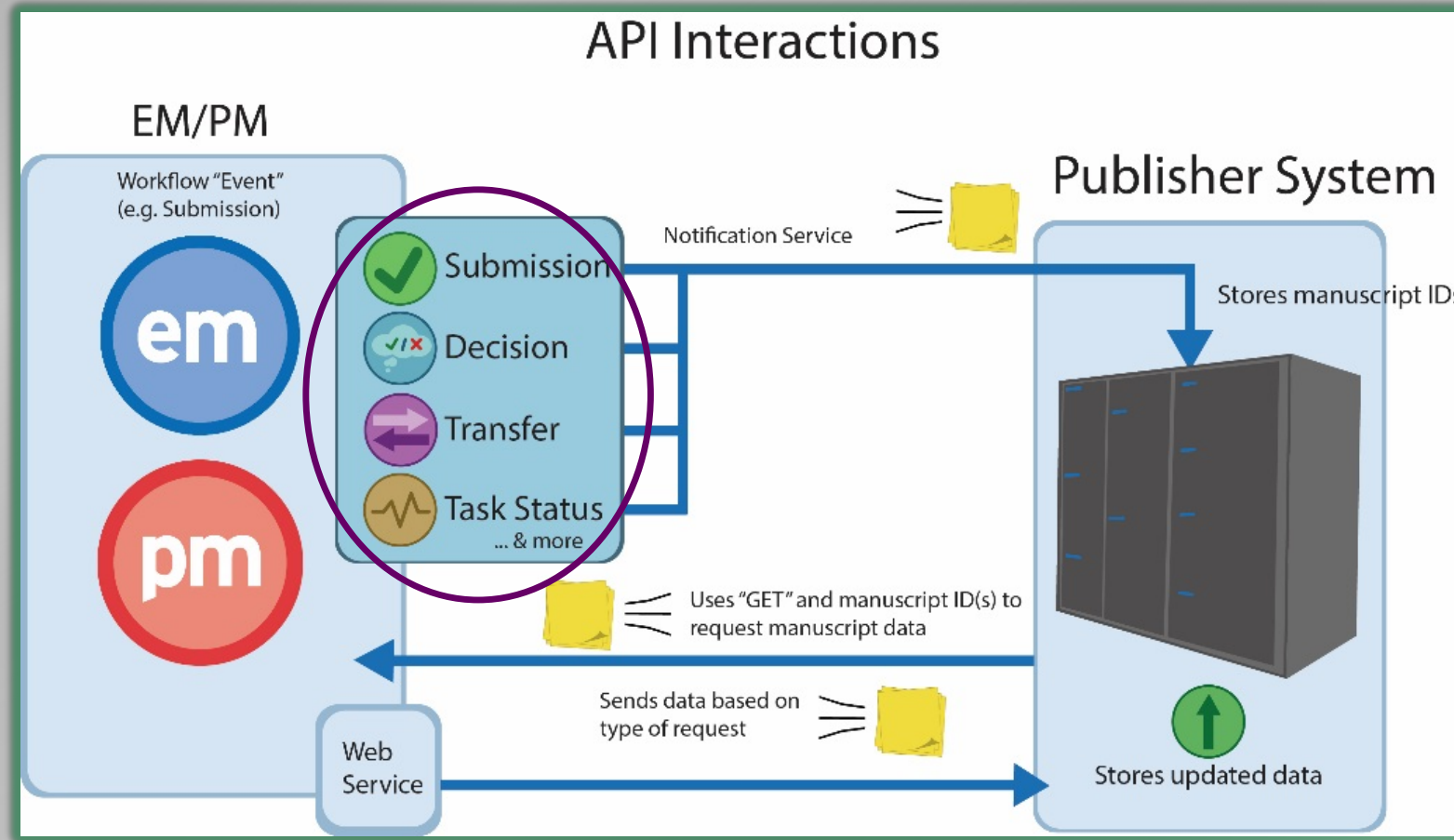
Web Services & Notification Services



Benefits

- Notify publisher systems about one or more configurable “events” in manuscript workflow
- Configure endpoints according to your own IT needs
- Request submission, author, and reviewer data as the need arises
- Available “out of the box” and highly configurable
- Build richer and more useful workflows for your authors, reviewers, editors, and admin staff
- No additional cost

Which events trigger notifications?



Which events trigger notifications?

API Interactions

The diagram illustrates the API interactions between the EM/PM system and external services. On the left, the EM/PM system is represented by two circles: a blue one labeled 'em' and a red one labeled 'pm'. A central box lists workflow events: Submission (with a green checkmark icon), Decision (with a blue checkmark and 'x' icon), Transfer (with a purple arrow icon), and Task Status (with a brown pulse icon). A purple circle highlights the Submission, Decision, and Transfer events. To the right, a 'Notification Service' is shown with a yellow folder icon. A blue arrow points from the highlighted events to the Notification Service. Below this, a 'Web Service' is shown with another yellow folder icon. A blue arrow points from the Web Service to the EM/PM system, labeled 'Sends data based on type of request'. Another blue arrow points from the Web Service to the EM/PM system, labeled 'Uses "GET" and manuscript ID(s) to request manuscript data'.

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 to list of endpoints that will receive notifications at the event.

Decision

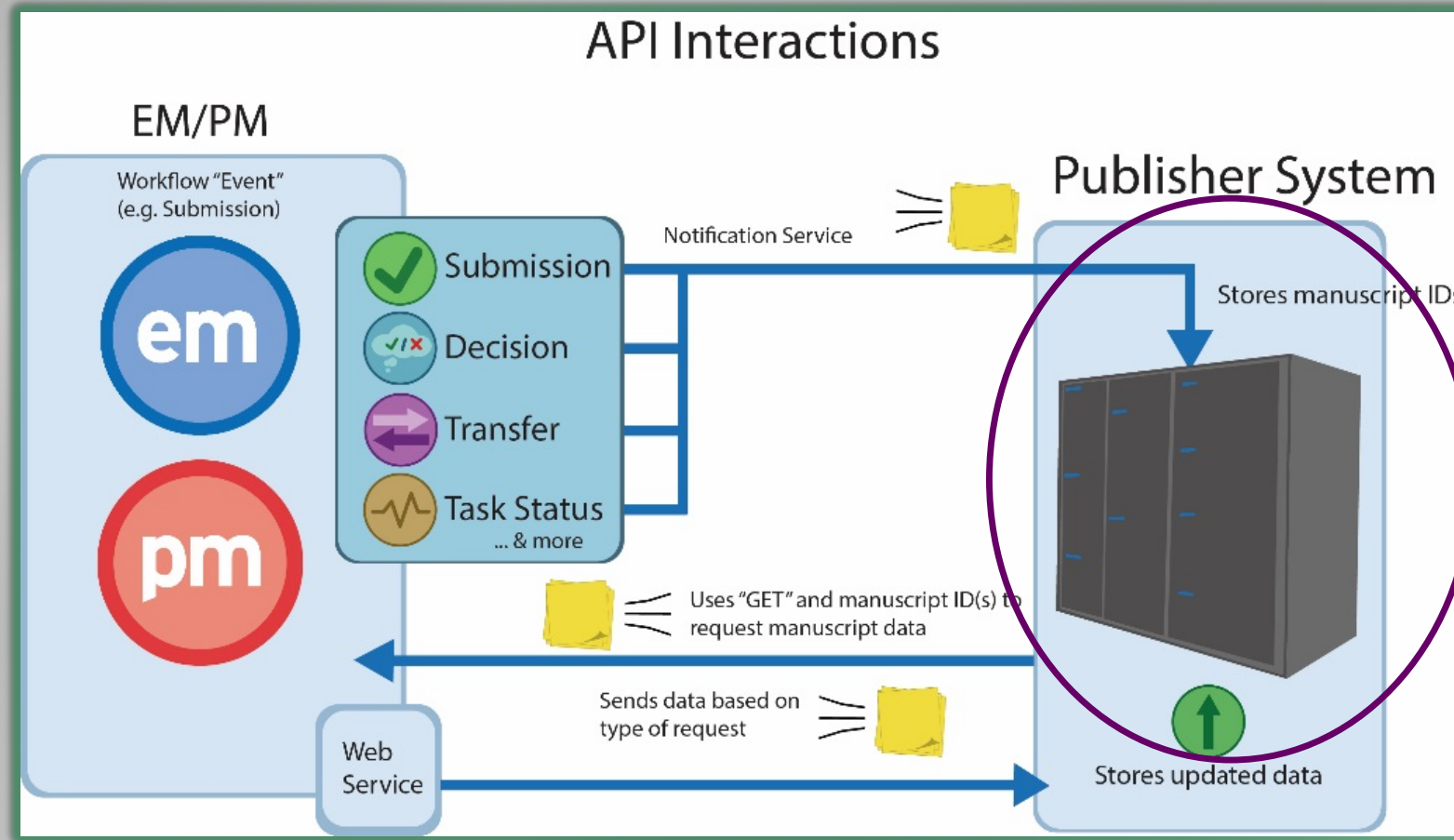
Event	Endpoints Notified
Accept	Testing Endpoint (Remove) Add New Endpoint
Minor Revision	Endpoint Subscribed to Revisions (Remove) Add New Endpoint
Major Revision	Endpoint Subscribed to Revisions (Remove) Add New Endpoint
Reject	Add New Endpoint
Reject and Transfer	Add New Endpoint
Reject - Inappropriate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

Task Status

Which events trigger notifications?

- Configurable – based on dozens of workflow events
- Examples:
 - New submission received
 - Editor assigned
 - Required reviews complete
 - Editor decision – accept
 - Editor decision – major revision
 - Editor decision – reject
 - Final disposition – accept
 - Submission transferred to publication
 - Many more...

Where are notifications sent?



Where are notifications sent?

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

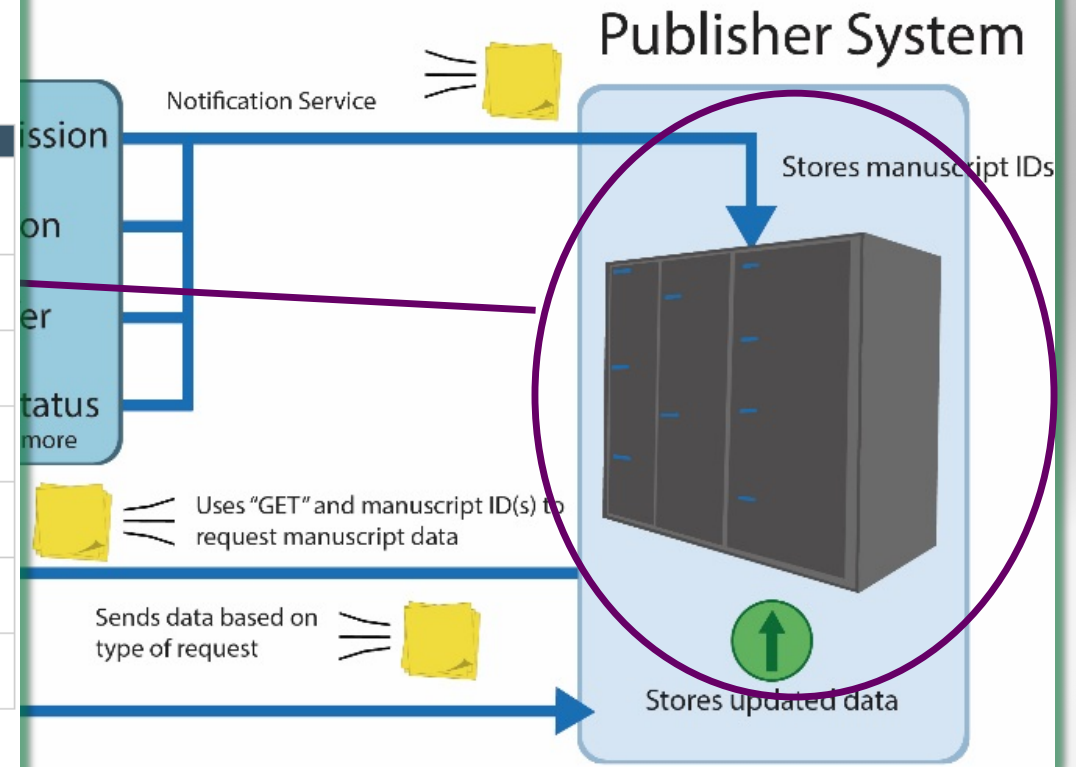
Actions	Name	URL	Subscribed Events	On Hold
Edit Hide	Test Endpoint	https://qa2-test3-api.editorialmanager.com/api/em/v1/utility/notification?username=sample_user	Accept Reject	<input type="checkbox"/>
Edit Hide	Test Endpoint 2	https://qa1-test2-api.endpointtest.com/api/em/v1/utility/notification?username=test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

Create New Endpoint

[Cancel](#) [Submit](#)

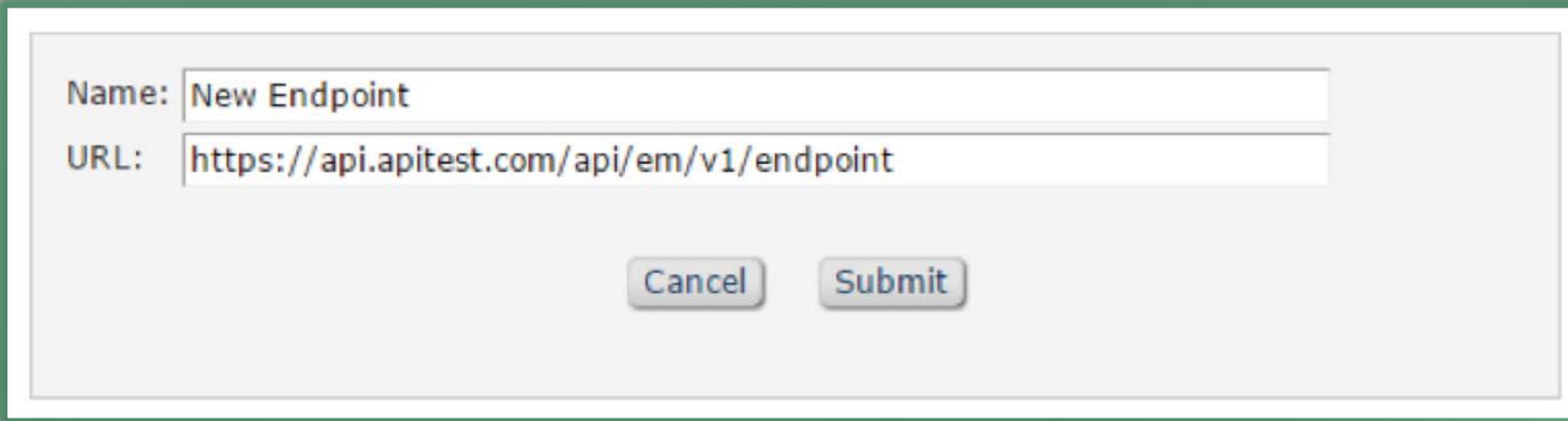
[Configure Notification Services](#)

API Interactions



Where are notifications sent?

- Customer-defined URLs identifying where each notification should be sent.



A screenshot of a web-based configuration dialog box for defining a notification endpoint. The dialog has a white background and a thin green border. It contains two text input fields. The first field is labeled "Name:" and contains the text "New Endpoint". The second field is labeled "URL:" and contains the text "https://api.apitest.com/api/em/v1/endpoint". Below the input fields are two buttons: "Cancel" on the left and "Submit" on the right.

Name:

URL:

Notification example

Publisher Endpoint

Notification payload

https://api.apitest.com/api/em/v1/endpoint?submissionId=DEMO160-D-19-0052&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=Journal%20of%20Demonstration

Notification example

- **siteName** = EM Journal Code
- **journalName** = Journal Full Title

`https://api.apitest.com/api/em/v1/endpoint?submissionId=DEMO160-D-19-0052&decisionName=ACCEPT&submissionName=Demo%20Web%20Services%20Submission&siteName=DEMO151&submissionDate=2015-02-10T15:34:Z&subscriptionId=1&messageUUID=75e084a8-a2a1-4c03-9b14-811ae01e661c&documentId=1&decisionName=Accept%20as%20is&DecisionType=TYPE_DOCUMENT&documentStatusName=Accepted&subscriptionType=DECISION&subscriptionName=Editor%20Accept&documentStatus=Accepted&journalName=Journal%20of%20Demonstration`

Notification example

- submissionID = Manuscript Number
- documentID = EM unique document identifier

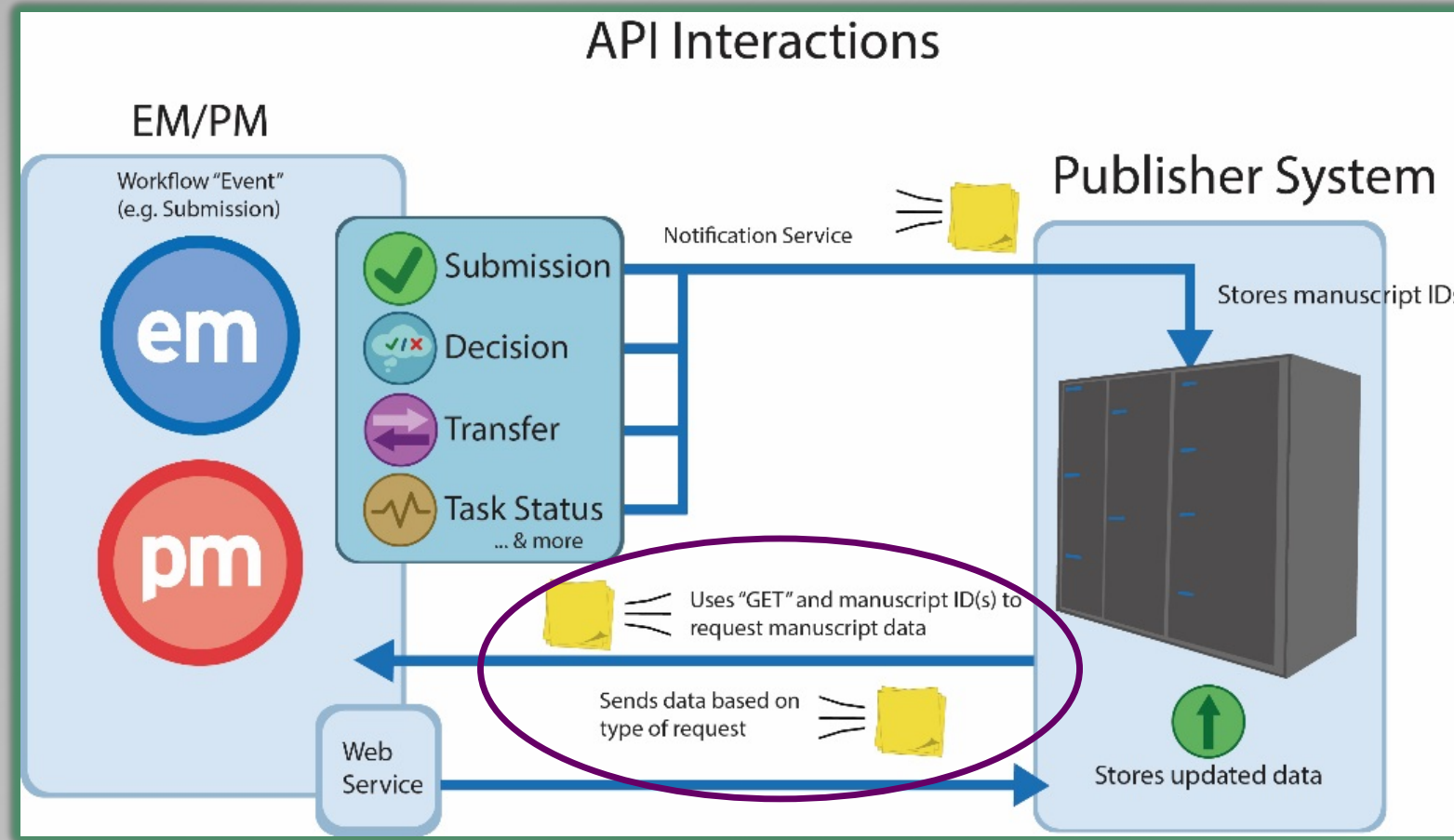
https://api.apitest.com/system/v1/endpoint?submissionId=DEMO160-D-19-0052&decisionName=ACCEPT&submissionName=Demo%20Web%20Services%20Submission&siteName=DEMO151&startDate=2015-02-10T10:03:42&subscriptionId=75e084a8-a271-4c03-9b14-821ae01e661e&documentId=1659707&decisionName=Accept%20as%20is%20DecisionType=TYPE_FINAL&documentStatusName=Accepted&subscriptionType=DECISION&subscriptionName=Editor%20Accept&documentStatus=Accepted&journalName=Journal%20of%20Demonstration

Notification example

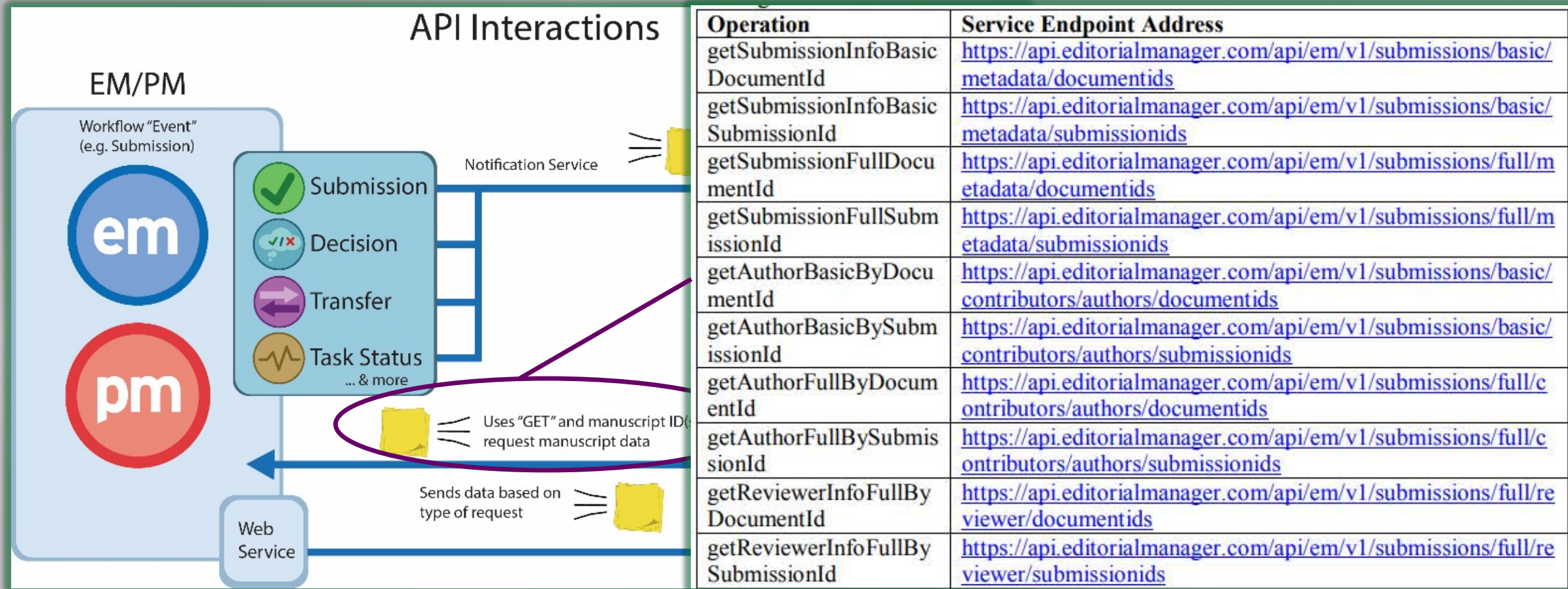
- `submissionTitle` = article title
- `documentStatusName` = new document status
- Other info, depending on event that triggered notification

`https://api.apitest.com/system/v1/endpoint?submissionId=DEMO160-D-19-0052&decisionName=ACCEPT&submissionTitle=Demo%20Web%20Services%20Submission&siteName=DEMO15&submissionDate=2015-02-10T10:05:34Z&subscriptionId=1&messageUUID=75e084a8-e20a-4c03-9b14-8210e01e661c&documentId=1&decisionName=Accepted&decisionType=TYPE1&documentStatusName=Accepted&subscriptionType=DECISION&subscriptionName=Editor%20Accept&documentStatus=Accepted&journalName=Journal%20of%20Demonstration`

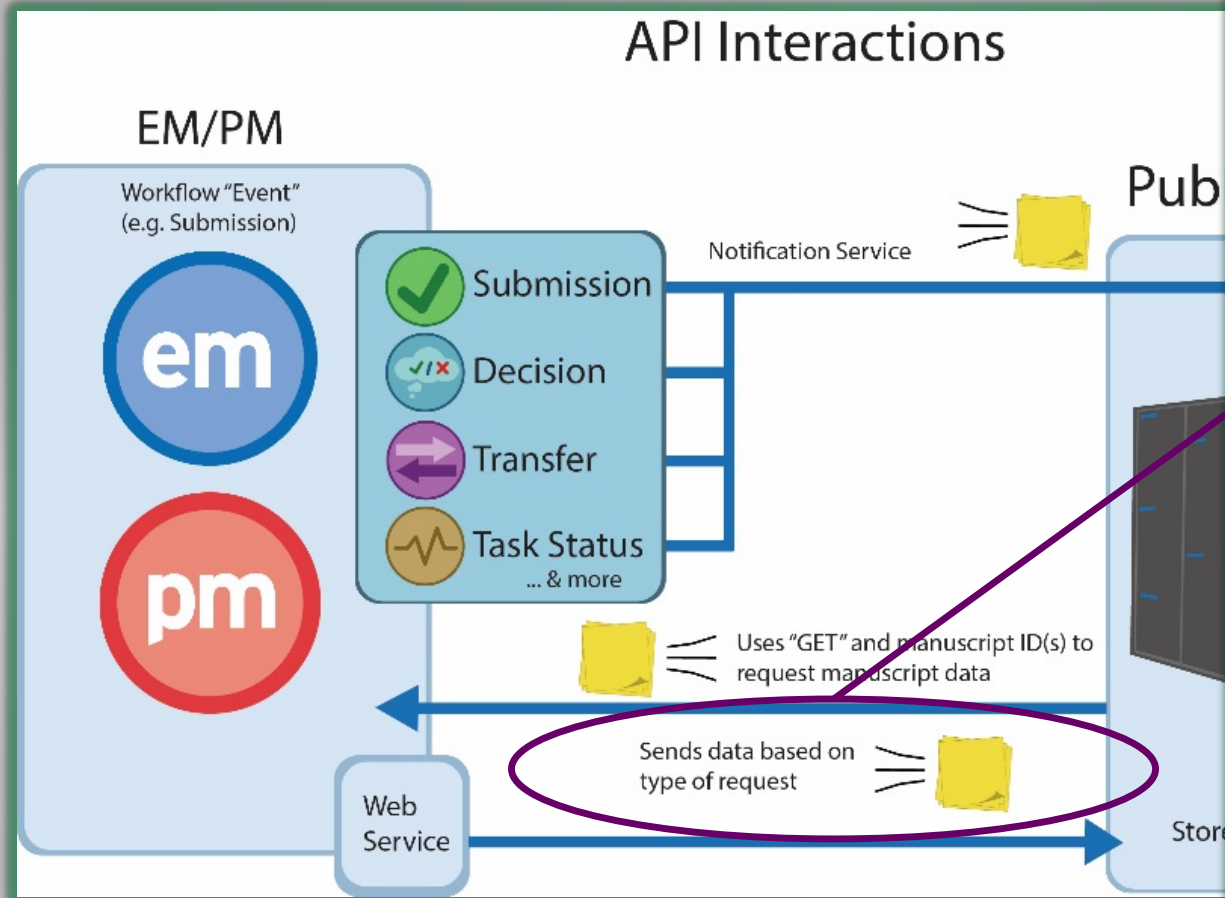
EM Web Services



EM Web Services



EM Web Services



<https://api2.editorialmanager.com/api/em/v1/submissions/basic/metadata/documentids?externalid=22222&siteName=demo151&localeid=1&type=xml&ids=88026>

Example XML Response to the above request:

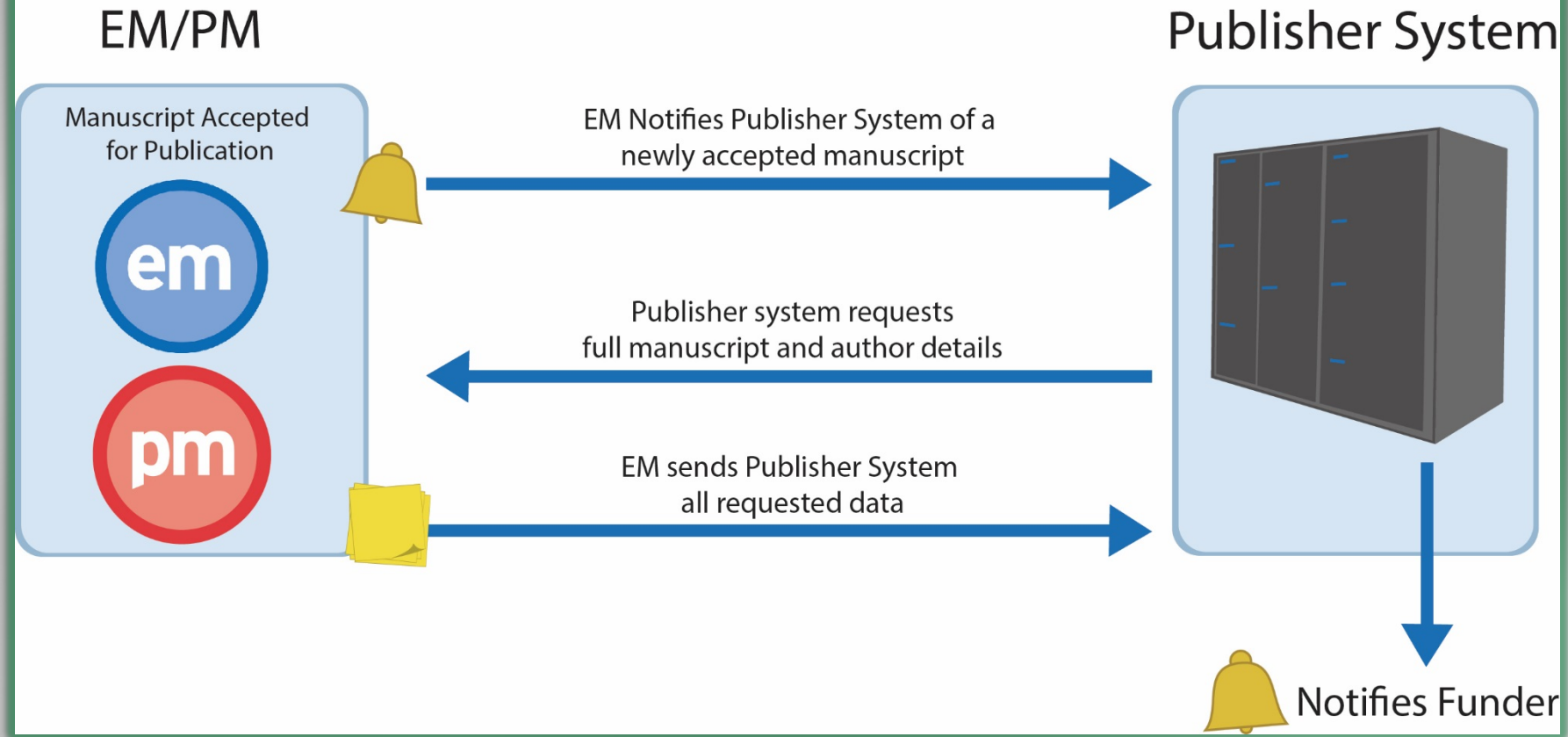
```
<Response>
  <profileCallId>22222</profileCallId>
  <callId>744ea98c-7d16-411c-8007-0689b60d0fd5</callId>
  <result>
    <authorFullName>Author, Amy</authorFullName>
    <authorMembershipId/>
    <authorORCIDId>2222-2222-2222-2222</authorORCIDId>
    <authorORCIDValidation>TRUE</authorORCIDValidation>
    <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>
</Response>
```

XML
or
JSON

EM Web Services

- Set of GET requests that return select submission metadata
- Request must include publication code, and document ID or manuscript number for one or more submissions
- Will only return data if valid API credentials are provided and the site is configured to allow access for client API account
- Available services include:
 - Submission info
 - Author info
 - Reviewer info
 - Additional Manuscript Details
 - More to come...

Use Case Example: Funder Notification of Accepted Manuscript



EM Web Services Use Cases

- Disclosure form notification (custom questions)
- Copyright form notification (custom questions)
- Data feed to 3rd-party reporting tool
- APC system notification
- Institutional notification (one of your authors was accepted)
- Social media alert
- CMS system updates
- Client fulfillment/subscription system update
- Flagged submission question notification

New features

- Available in EM v16.0
 - EM Web Services can be used to modify fields for a submission on an EM site
 - Currently only applies to AMD fields
 - A corresponding web service allows for AMD fields to be retrieved for a submission
- Coming in EM v17.0
 - A web service to retrieve submission production data

Additional Information and Configuration

- Built-in security models (HTTPS, Digest Authentication)
- Site-level permissions and API credentials controlled by Aries staff
- Endpoints configured and assigned to workflow events in AdminManager
- Notification Services Monitoring Tool, accessed by properly permissioned Editors

- Contact your Account Coordinator to enable
- Documentation available – contact your Account Coordinator

External Reviewer Finder API

The Reviewer Dilemma

- Challenge of finding qualified Reviewers
 - Reviewers are overburdened
 - GDPR compliance
-
- **SOLUTION: EM developed a generic API to communicate with external Reviewer databases/services to identify and pull back into EM potential Reviewers from external sources**



Initiate Request on Reviewer Selection Summary Page

- New 'Request External Reviewer' button

[Return to New Editor Assignments](#)
[Return to Main Menu](#)

View Submission Information
[Manuscript Details](#)
[Classifications](#)
[View Submission](#)

Quick Action Links
[Submit Editor's Decision and Comments](#)
[Send E-mail](#)
[Register and Select New Reviewer](#)
[Request Unregistered Reviewer](#)
[Search Similar Articles in MEDLINE](#)

Set Preferences
[My Suggest Reviewer Preferences](#)
[My Reviewer Display Preferences](#)

Reviewer Selection Summary - Submission DEMO-D-16-00015

Elizabeth Mary Webber, MD
Very Important Research Article

Reviewer Search

Search My Publication Search for Reviewers from All Reviewers

Search Another Publication Choose Publication mode Search for Reviewers

Reviewer Discovery from [pivot](#) ProQuest Community of Scholars

Review Settings

This Submission will move to the 'Submissions with Required Reviews Complete' folder as soon as 0 [\[Change\]](#) review(s) have been completed.
Automatically un-invite Reviewers who do not respond to an invitation within 7 [\[Change\]](#) day(s). [\(more...\)](#)
Automatically un-assign Reviewers who do not complete a review within 0 [\[Change\]](#) day(s) of the review due date. [\(more...\)](#)

Alternate Reviewers

There are currently no Alternate Reviewers selected for this submission.

[Alternate Reviewers will be promoted automatically. \(more...\)](#)

Proposed Reviewers

No Reviewers have been proposed by any Editor for this submission.

[These reviewers have been chosen as potential reviewers by your colleagues. \(more...\)](#)

[Return to New Editor Assignments](#)
[Return to Main Menu](#)

External Reviewer Request Form

- Specify the desired number of candidates by EM Reviewer Role
- Enter notes to help guide the search
- Notes may be optional or required
- Request is asynchronous (i.e. not real time), allowing external provider time to locate Reviewer candidates

External Reviewer Request Form - Submission DEMO-D-16-00015

Request External Reviewers

Please select the desired number of Reviewers for each Reviewer Role and (optionally) enter any notes related to your request.

<input type="text" value="0"/>	Regular Reviewer	<input type="text"/>
<input type="text" value="0"/>	Tech Reviewer	<input type="text"/>
<input type="text" value="0"/>	Stats Reviewer	<input type="text"/>



Visibility to Status of Request in Key Folders

Submissions with Reviewers Invited - No Response - Ed P Garcia, M.D.

Contents: Contents: Submissions where one or more Reviewers have neither agreed to complete their work; 3) Make a Decision. Use the up/down arrows to change the sort order.

Page: 1 of 1 (76 total submissions)

Action	Manuscript Number	Article Type	Article Title	Current status	Review Status	External Reviewers Requested	Editor Decision
<ul style="list-style-type: none"> View Submission Details History File Inventory Classifications Unassign Editor Edit Submission Invite Reviewers Solicit Commentary Set Final Disposition View Reviews and Comments Submit Editor's Decision and Comments Send E-mail 	JANETDEV111-D-14-00069	Original Study	Lym in A	Under Peer review	<p>2 Invited - No Response</p> <p><i>Merry O'Toole</i></p> <p>Invited 34 days ago</p> <p><i>Rick Ranger</i></p> <p>(Suggested Reviewer)</p> <p>Invited 20 days ago</p> <p>(less...)</p>	<p>Pending</p> <p>2 Regular Reviewers</p> <p>1 Stats Reviewer</p> <p>Requested 5 days ago</p>	<p>Editor Decision</p> <p>9</p> <p>Reviewers viewer</p> <p>5 days</p>
<ul style="list-style-type: none"> View Submission Duplicate Submission Check Results (45%) Details History Classifications Unassign Editor File Inventory Edit Submission Invite Reviewers Solicit Commentary Set Final Disposition View Related Submissions Send E-mail 	JANETDEV111-D-14-00067	Original Study	Veri Inte Res	Under Peer review	<p>1 Invited - No Response</p> <p><i>Jim Davis</i></p> <p>Invited 9 days ago</p> <p>(less...)</p>	<p>Complete</p> <p>1 Regular Reviewer</p> <p>1 Tech Reviewer</p> <p>Received 2 days ago</p>	<p>Editor Decision</p> <p>ate</p> <p>Reviewer</p> <p>viewer</p> <p>days ago</p>



API

- The API is asynchronous and consists of two parts:
 - 1) An API push (EM calls External Reviewer Service Provider API) – pull (External Reviewer Service Provider retrieves the Request Package)
 - API push consists of an API message in JSON format, containing some basic information about the submission and the number of requested reviewers for each type of Reviewer Role, plus a download URL to a zip file stored on an Aries server, and a callback URL.
 - The zip file contains the Author/Editor PDF for the most recent revision of the submission, and JATS XML compliant with the JATS 1.2 DTD.
 - 2) At a later date/time, an API callback from the ERD with information about the Proposed Reviewers
 - After the API callback is received from the ERD, the returned JATS XML document is processed and the information about the Proposed Reviewers imported into EM.

Candidates received via API are automatically Proposed in EM

- Person is proxy-registered if not already registered
- Looks just like an internally proposed Reviewer
- Editor may invite, assign, select as alternate per existing permissions

Proposed Reviewers

Display Proposed Reviewer Flag

	Name	Proposed By	Date Proposed	Notes	Invite	Alternate
	Karen W Settle (Reviewer)	Ed P Garcia	Sep 25 2016 01:23PM	Karen is an expert.	<input type="checkbox"/>	<input type="checkbox"/>
	Rhonda Jackson (Reviewer)	Ed P Garcia	Sep 25 2016 01:23PM		<input type="checkbox"/>	<input type="checkbox"/>
	Mary Margaret Smith (Reviewer)	Ed P Garcia	Sep 25 2016 01:23PM		<input type="checkbox"/>	<input type="checkbox"/>

These reviewers have been chosen as potential reviewers by your colleagues. [\(more...\)](#)

Note About Proxy Registration

- Before the external Reviewer is processed, the system checks to see if they are already a registered EM user.
 - Looks for match on authenticated ORCID iD or email address match in EM
- If they are already registered, they are automatically designated as a Proposed Reviewer and the Editor is notified.
- If they are *not* already registered, the system automatically proxy-registers them before designating as a Proposed Reviewer. This includes mandatory email notification that they were proxy-registered in EM.



- Coming in 17.0: If user requests their personal information to be removed, they will not be (re)proxy-registered and proposed.

Proposed Reviewer Flag provides additional visibility in folders

New Editor Assignments - Ed P Garcia, M.D.

Contents: These are submissions that have been Assigned to the Editor. They require one of the following: another Editor assignment, Reviewer invitations, or Decision. Use the

Page: 1 of 1 (6 total submissions)

▲▼	Action ▲▼	Manuscript Number ▲▼	Article Type ▲▼	Section/Category ▲▼	Article Title ▲▼	Author Name ▲▼
	<ul style="list-style-type: none">View Submission Details ▾Initiate Discussion HistoryFile InventoryEdit Submission ClassificationsAssign EditorUnassign EditorInvite Reviewers ▶Solicit CommentarySet Final DispositionInitiate ProductionSimilar Articles in MEDLINEAuthorMapper Author SearchPublons Reviewer Database SearchSubmit Editor's Decision and CommentsSend E-mailLinked Submissions	STACEYDEV141-D-17-00009	Clinical		Suggest an EM and non EM user	Stacey J

Visibility to Request History by Submission

External Reviewer Request Form - Submission DEMO-D-16-00015

External Reviewer Request History

Date Request Sent	Current Status	Request Details	Operator
11/13/2017	Pending	3 Regular Reviewers - I want 3 Reviewers with expertise in cardiomyopathy and at least one needs to be a cardiac surgeon. 2 Stat Reviewers	Stacey J Lavelle, MD
10/20/2017	Complete	1 Tech Reviewer	Ed P Garcia, M.D.

Request External Reviewers

Please select the desired number of Reviewers for each Reviewer Role and (optionally) enter any notes related to your request.

<input type="text" value="0"/>	Regular Reviewer	<input type="text"/>
<input type="text" value="0"/>	Tech Reviewer	<input type="text"/>
<input type="text" value="0"/>	Stats Reviewer	<input type="text"/>



How to Configure

- Step 1 – Aries licenses the API to the service provider
- Step 2 – Publisher/journal engages with the service provider
- Step 3 – Aries and service provider exchange API endpoints
- Step 4 – Aries Account Coordinator generates API credentials to ensure secure communications and activates the feature on the desired EM sites
- Step 5 – Journal Administrator configures the feature in EM (grants Editor Role permissions, specifies which roles and how many Reviewers may be requested at a time, etc.)

Configure in PolicyManager – Set Reviewer Preferences

Set Reviewer Preferences

Externally Proposed Reviewers

Enter the instructions displayed to Editors on the External Reviewer Request Form.

Instructions	
	Insert Special Character

Please select the roles for which Editors may request External Reviewers, and the maximum number of Reviewers that can be requested for each role on a submission. If you select the Notes Required checkbox, the request cannot be submitted unless the Editor enters something in the Notes field on the External Reviewer Request Form.

Select Reviewer Role	Max Number Requested	Notes Required
<input type="checkbox"/> Regular Reviewer	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> Tech Reviewer	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> Stats Reviewer	<input type="text"/>	<input type="checkbox"/>

Enter the email address(es) of the recipient for notifications related to the transfer of information to and from the External Reviewer Database.

If entering more than one e-mail address, use a semicolon between each address.



Grant Editor Role Permission

Reviewer Invitations

- Invite Reviewers
- Un-Invite Reviewers
- Assign Reviewers
- Search Reviewers in Other Journals
- Override Reviewer Due Date
- Propose Reviewers
- Remove Proposed Reviewers
- Request External Reviewers
- Select Alternate Reviewers
- Promote Alternate Reviewers
- Link/Un-link Alternate Reviewers
- Remove Alternate Reviewers
- Request Unregistered Reviewers
- Re-open Review
- Edit Reviewer Comments and Ratings after Review is Submitted
 - Edit and Complete Reviews Terminated after Accepting Invitation

Select Editor Notification Letter when Reviewers are Received

Reviewer Assigned

Event	Editor-in-Chief Letters
Request Unregistered Reviewer	Request Reviewer ▼
Reviewer Invited	NONE ▼
Reviewer Assigned (Not Invited)	NONE ▼
Reviewer Agree	Reviewer Accept ▼
Reviewer Decline	Reviewer Decline ▼
Review Due Date Changed	NONE ▼
Un-invite Reviewers Before Agreeing to Review	NONE ▼
Un-assign Reviewers After Agreeing to Review	NONE ▼
Promote Alternate Reviewers	NONE ▼
Proposed Reviewers Received from External Database	External Reviewers Received ▼
Re-open Review	NONE ▼
Review Assignment Completed	Review Complete ▼
Required Reviews Complete	NONE ▼
Required Reviews Reset	NONE ▼

New Deep Linking Merge Field

- A new deep linking merge field
%REVIEWER_SELECTION_SUMMARY_DEEP_LINK% may be included in the Editor notification letter.
- Clicking this link logs the user fully into EM with their Editor Role and delivers them directly to the *Reviewer Selection Summary* page for the submission, where the Editor can invite or assign the Proposed Reviewer.

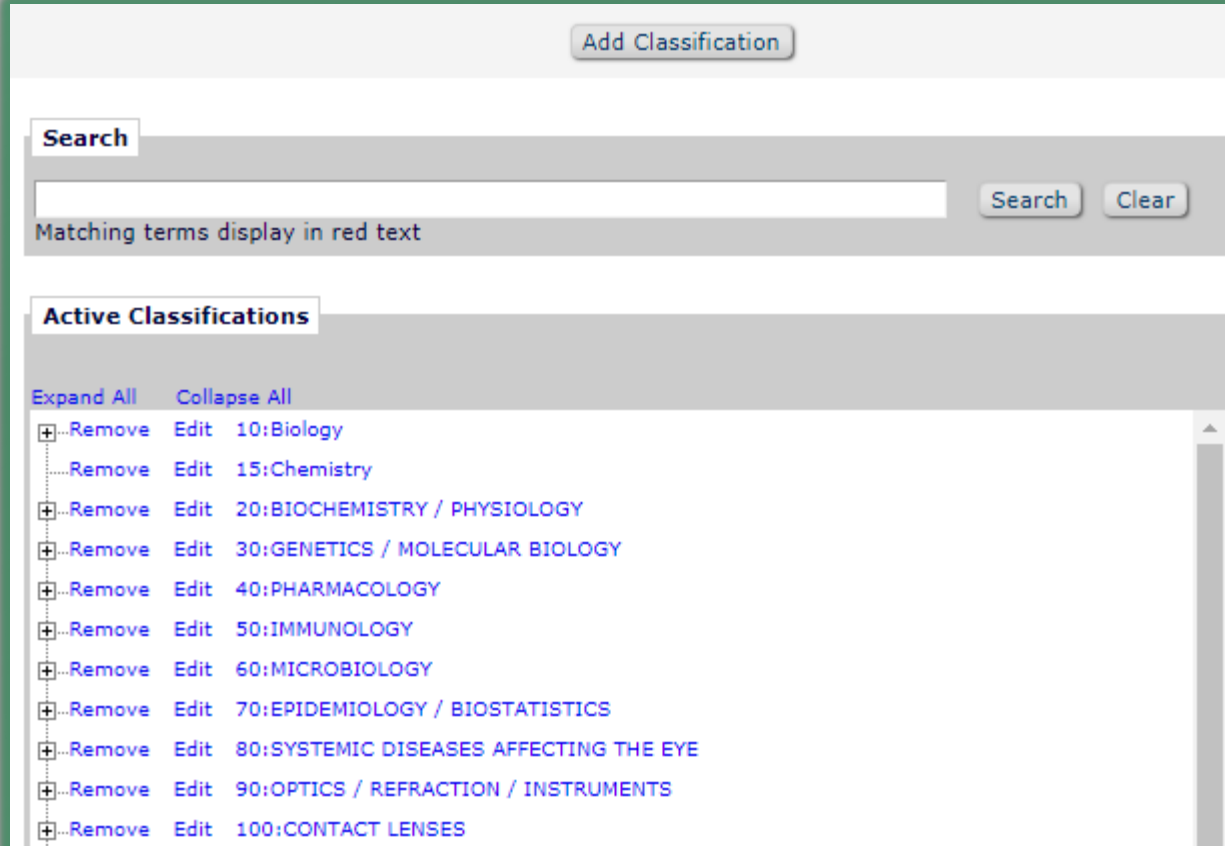
Possible Future Enhancements

- Aries is engaging with industry providers to license the API and offer Reviewer Finder service to multiple EM customers
- Automatic trigger when Editor is assigned, so the Reviewer candidates are “ready and waiting” by the time the Editor is ready to start searching for Reviewers
- Other ideas?

Taxonomy Integration/ Classification Update

Taxonomy Integration

- EM sites can be configured with a list of classifications to apply to users and submissions.
- Some customers use an external taxonomy system to automatically classify submissions.
- EM allows these classification updates to take place using an API.



The screenshot shows a web interface for managing taxonomy. At the top right is an "Add Classification" button. Below it is a "Search" section with a text input field, "Search" and "Clear" buttons, and a note that "Matching terms display in red text". The main section is titled "Active Classifications" and contains two links: "Expand All" and "Collapse All". Below these links is a list of active classifications, each with a plus icon, a "Remove" link, an "Edit" link, and the classification name:

Expand All	Collapse All	
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 10: Biology
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 15: Chemistry
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 20: BIOCHEMISTRY / PHYSIOLOGY
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 30: GENETICS / MOLECULAR BIOLOGY
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 40: PHARMACOLOGY
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 50: IMMUNOLOGY
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 60: MICROBIOLOGY
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 70: EPIDEMIOLOGY / BIostatISTICS
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 80: SYSTEMIC DISEASES AFFECTING THE EYE
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 90: OPTICS / REFRACTION / INSTRUMENTS
<input type="checkbox"/>	<input type="checkbox"/>	+..Remove Edit 100: CONTACT LENSES

Taxonomy Integration Workflow

- External taxonomy systems can make an API call to an EM site to retrieve classification info for a user account or submission.
- A separate push from the taxonomy system can update classifications for a user or submission.
- A peopleID or documentID must be passed in each request.
- Can be used with EM Notification Services.

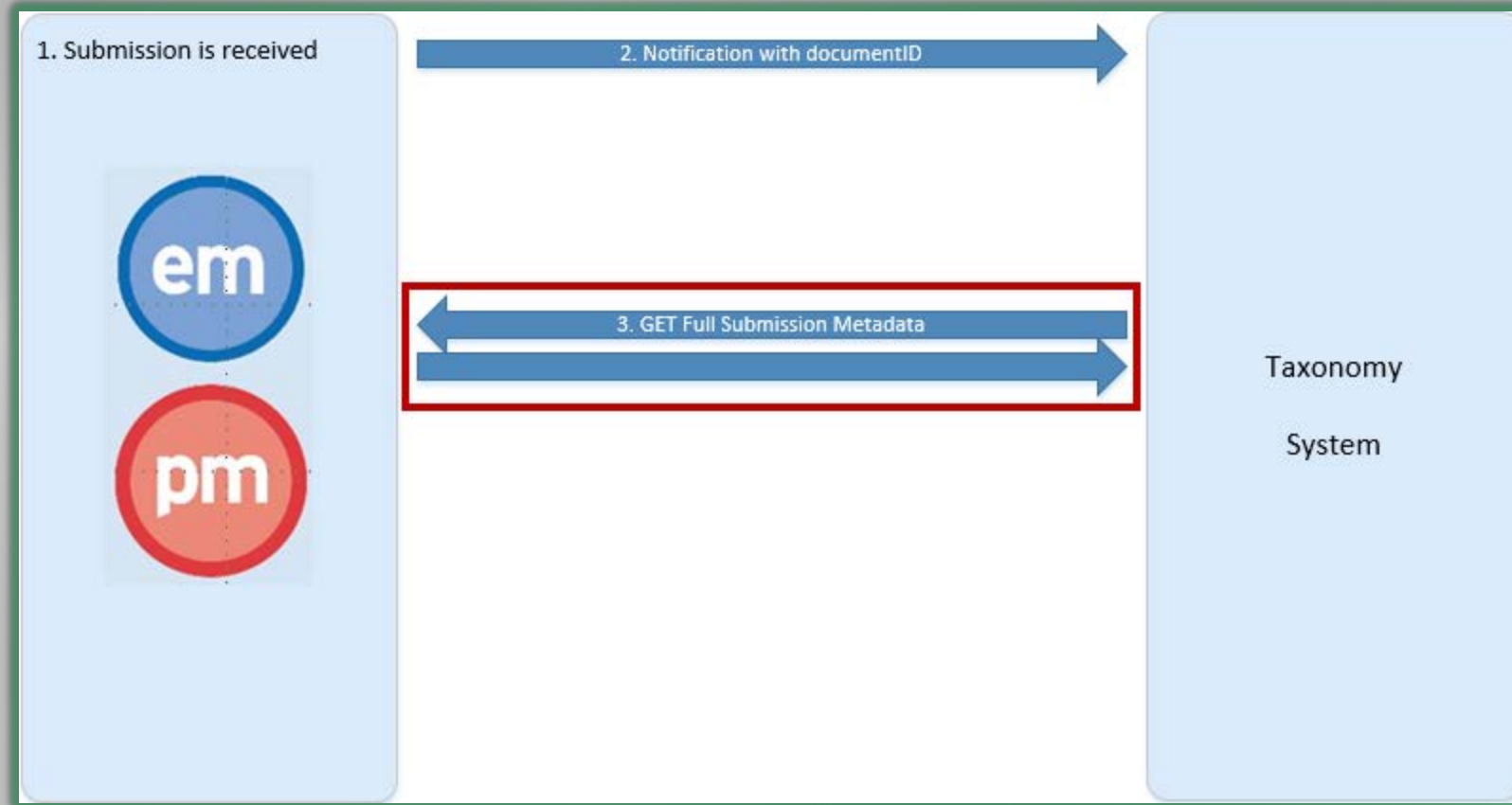
Taxonomy Integration Example



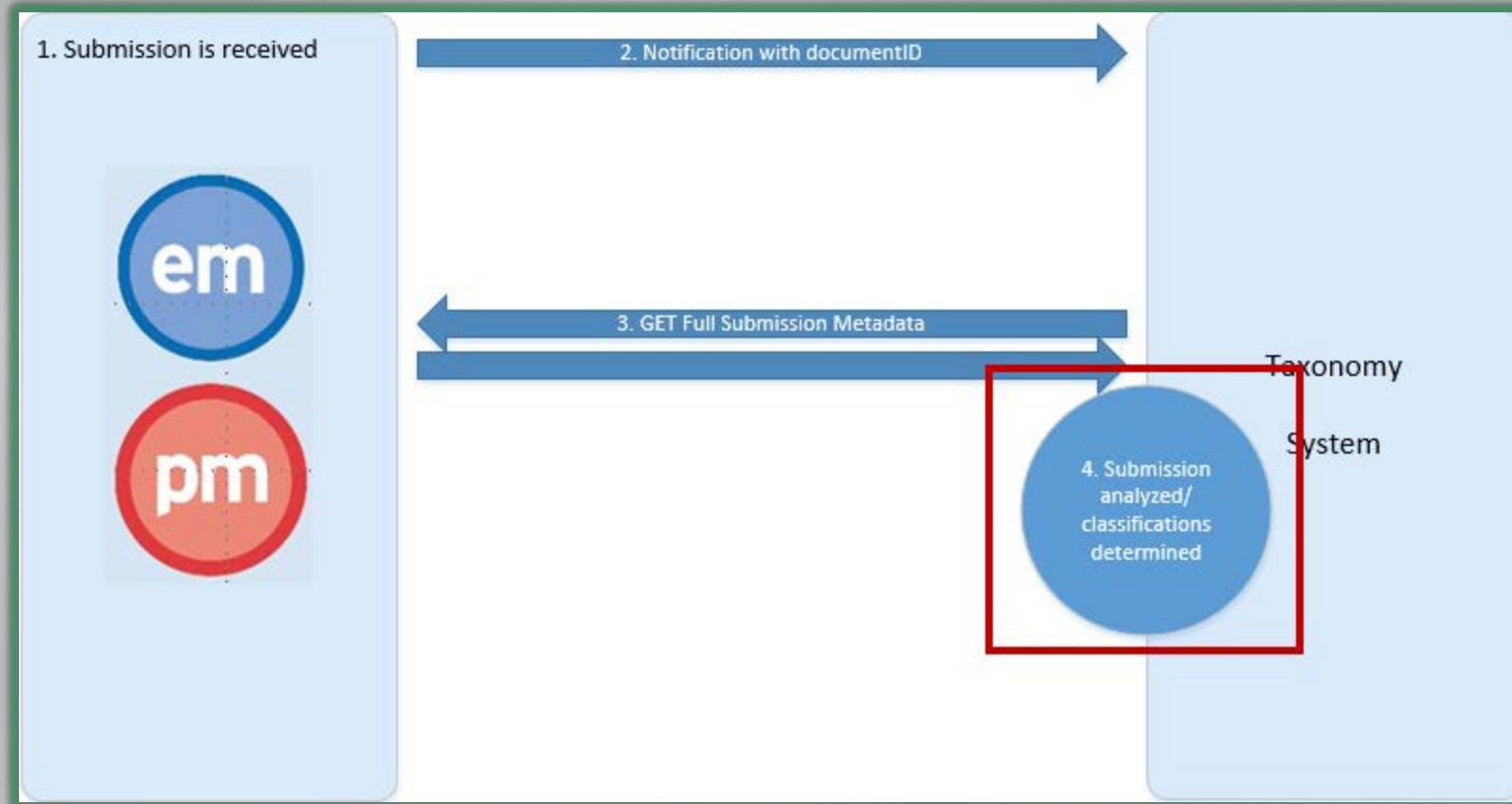
Taxonomy Integration Example



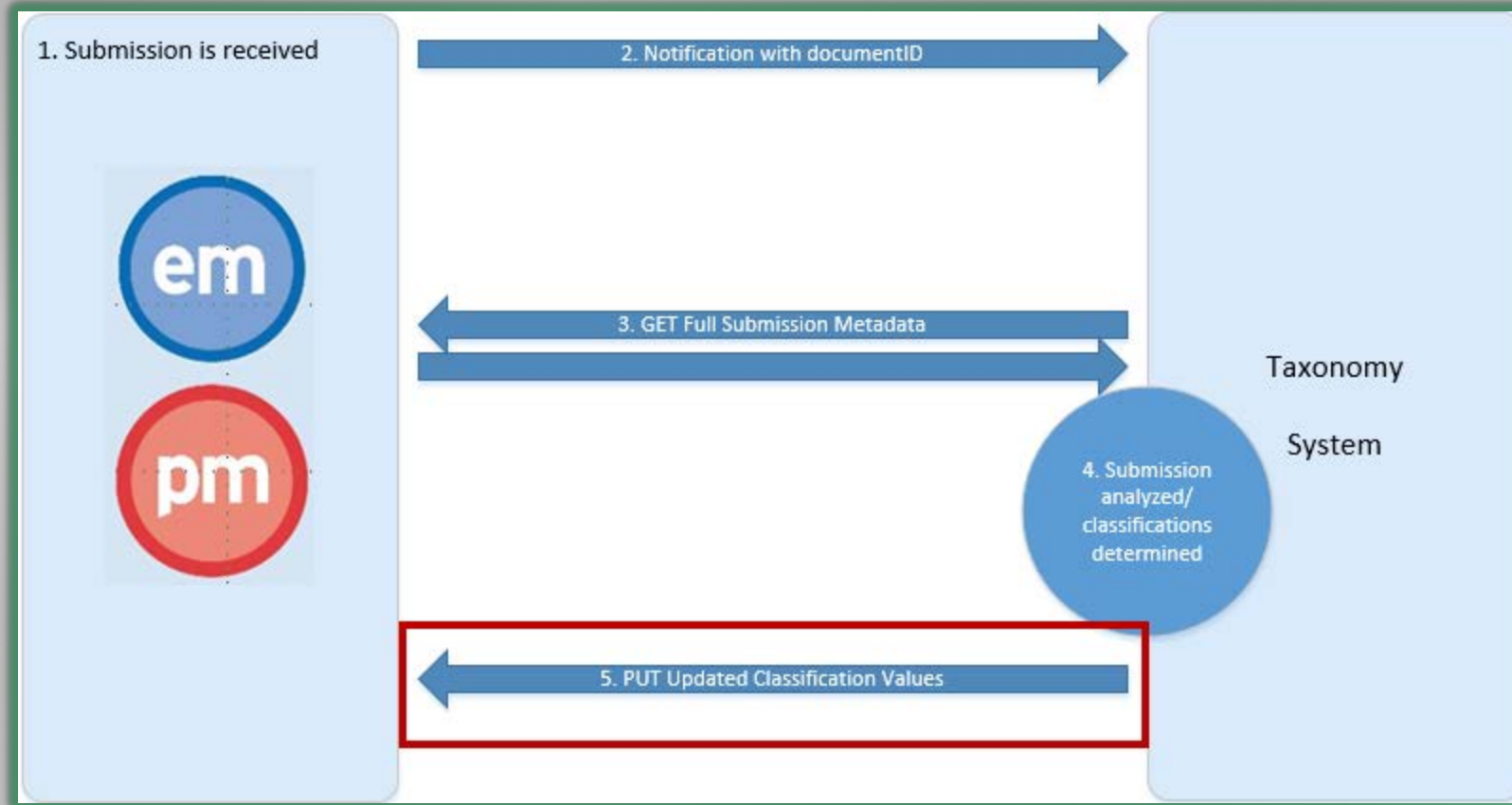
Taxonomy Integration Example



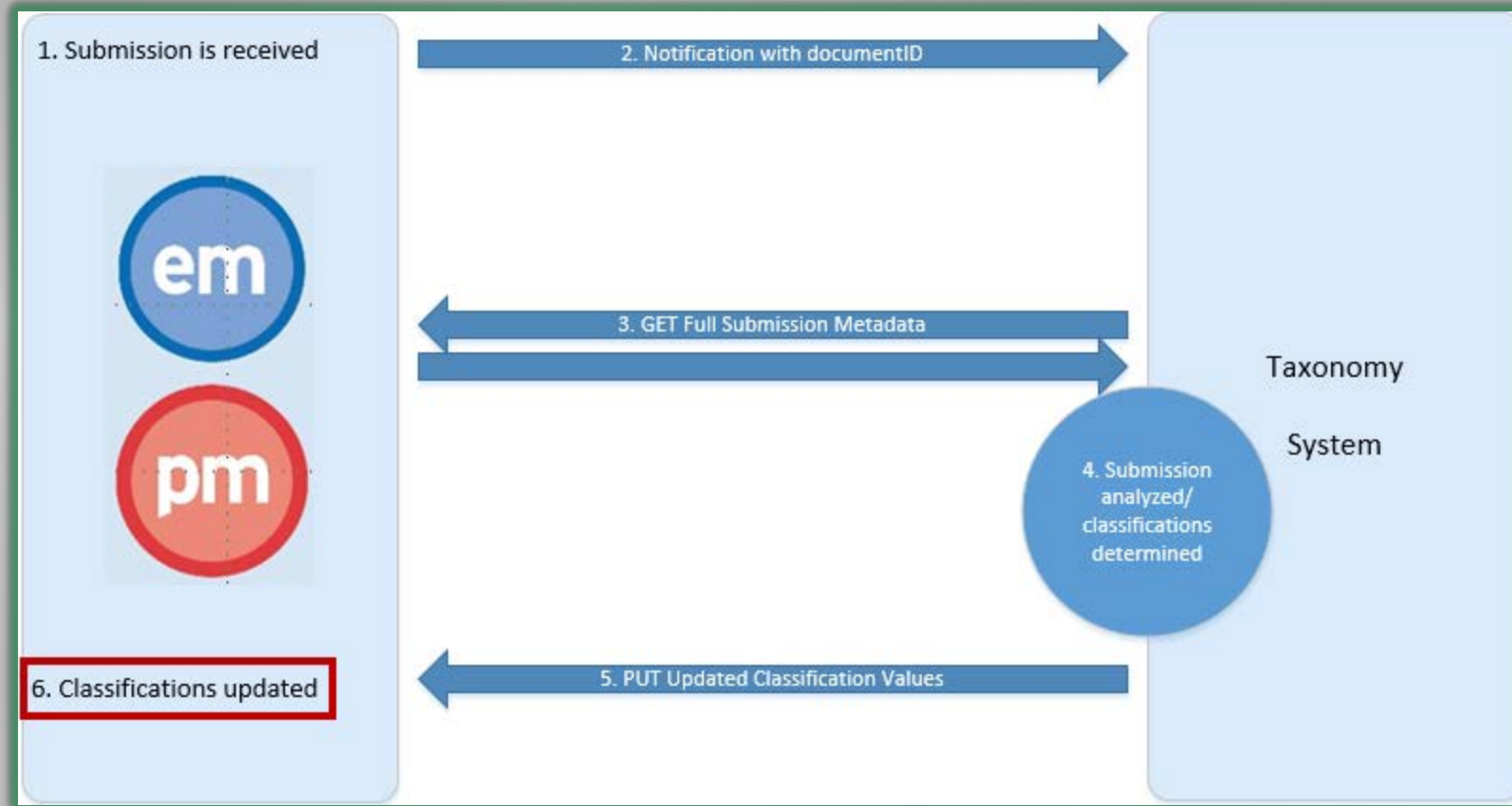
Taxonomy Integration Example



Taxonomy Integration Example



Taxonomy Integration Example



Coming Soon!

New Aries APIs coming in versions 17.0+



EM v.17.0: File Repository Integration

- Publishers are partnering with repositories to store datasets and other supplemental submission files.
- There is growing demand to integrate repository upload into the submission process.
- Aries is developing a generic API solution that will allow authors to upload files directly to a repository without leaving the EM UI.
- Any repository provider that can utilize the Aries-defined API will be able to integrate repository upload into their submission process.
- For more info, come to tomorrow's panel discussion on researcher tools and FAIR data.

Future Development: Manuscript Analysis Tool Integration

- Many new manuscript analysis tools take submission files and metadata and generate a report used by Editors as a decision support tool.
- A future version of EM (exact release TBD) will provide a generic API solution allowing manuscript analysis tool providers to integrate into EM workflow.
- Submissions will be sent for analysis automatically or manually.
- Reports will be made available in the EM UI to properly permissioned users.
- Stay tuned for more information!



Contact your Account Coordinator for more info on these APIs.

EMUG 2019

EM Transactional API and Other APIs

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