

[WFD-3886] [Ingest Directory With Metadata](#) Created: 04/Oct/17 Updated: 17/Oct/17

Status:	In Planning
Project:	Workflow Development
Component/s:	None
Fix Version/s:	None
Security Level:	Assignee and Developers/Workflow (Only Assignees, Developers and users in the workflow group can see issues.)

Type:	Story	Priority:	Major
Reporter:	Ron Johnson	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Attachments:	<input type="checkbox"/> Test Multi-Media.zip <input type="checkbox"/> sample-csv-imt - Sheet1.csv <input type="checkbox"/> sample-key-mapping-imt.json
Request Statement:	Ingest all Files with metadata in the given directory
Acceptance Criteria:	<p>Inputs</p> <ul style="list-style-type: none">• Directory with 1-100,000 assets• CSV metadata file (.csv)• Metadata mapping file (.json) <p>Extract metadata for each file in the directory</p> <ul style="list-style-type: none">• Find a matching row for each file in the given CSV<ul style="list-style-type: none">◦ Match row based on fileName column = the matching file's name• Use the given mapping file to translate CSV headers to metadata property names<ul style="list-style-type: none">◦ JSON keys = csvHeaders◦ key values = metadata property names• If no row can be matched to the file, fail the file's process, but

continue with processing the rest of the directory

Ingest each file in the directory

- Check for duplicate asset by matching metadata values for the property "recordOID"
 - Does the incoming file's recordOID match any assets in Reachengine?
 - If a duplicate is found, fail the file's process, but continue with processing the rest of the directory
- New asset details
 - Incoming file = source + mezz content
 - Generate proxy content
 - For video and audio files
 - Configurable transcoder + transcode profile
 - For Image files
 - Use imageMagick
 - Configurable imageMagic command arguments
 - For files of other types
 - Use RE default process
 - Generate thumbnail content
 - Video files
 - Generate thumb mov like default
 - Generate thumbnail at a configurable percentage
 - All other file types
 - Default thumbnails
- If any of the proxies or thumbnails are failed to be created
 - set the asset's metadata checkbox field "proxyTriage" to the value "true"
 - continue processing the asset, do not fail

Save metadata on each asset

- Save metadata fields from the matching CSV row on the asset
- Add assets to the Category supplied in the CSV
 - Category = whatever header is mapped to "category"
 - If the asset fails to be added to the supplied Category, add it a category called "no department" and email the user that initiated the WF. Do not fail the WF.
- Add assets to the Collection supplied in the CSV
 - Collection = whatever header is mapped to "collection"
 - If the collection does not exist, create it
 - If the asset fails to be added to a collection via CSV, add it to a collection called "orphaned" and email the user that initiated the WF. Do not fail WF

	Notifications <ul style="list-style-type: none"> • In any of the failure cases, email the user that initiated the workflow <ul style="list-style-type: none"> ◦ Provide a reason for why the process failed • When the directory is fully processed, email the user that initiated the workflow that the folder has been processed
Story Points:	5
Business Case:	na

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Comment by Ron Johnson [04/Oct/17]
<input type="checkbox"/> Flag added Tyler Seale create directory with sample data, create sample CSV file, create sample JSON file
Comment by Tyler Seale [17/Oct/17]
Directory, CSV, and JSON created and attached.

Generated at Wed Oct 18 00:09:21 UTC 2017 by Tyler Seale using Jira
1001.0.0-SNAPSHOT#100066-sha1:aa471277a7422e7676864dbca557b782f7710fdd.