

DRS2 Release Notes for Version 2.4 (July 2014)

This document describes new features, bug fixes and known issues in the latest release.

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Key New Features

- DRS2 has a new secure deposit and secure storage infrastructure and is ready to accept content when the Electronic Archiving System (EAS) is ready to send it. (EAS is targeted for a Fall 2014 release).
- Streaming Delivery Service now fully supports DRS2 Audio Playlists.
- Bulk recovery user interface has been updated to automatically redirect bulk recovery transactions to repository manager when bulk recovery limits per transaction are exceeded.
- Metadata expunge function has been implemented to support DRS metadata migration.
- OTS (Object Tool Set) has been updated to version 1.04. This update resolves the issue with some Still Image, PDS Document and Image Target objects not being created successfully due to technical image metadata errors reported by FITS (File Information Tool Set).
- Batch Builder has been updated to version 2.0.53. This update incorporates OTS 1.0.4.

Other Enhancements and Bug Fixes

Web Admin:

- In results list, preferred value instead of Word Shack URI is now displayed by default for searches by Producer, Admin Flag and Admin Category fields.
- “Download descriptor” link and delivery URN links now open up in a new browser tab.
- Long object OSNs (Owner Supplied Names) now wrap properly on object summary page.
- Secure EAS batches now display correctly in the batch loader queue.

Services:

- “EAS” and “DASH” (Harvard’s digital scholarship repository) have been added as values to the controlled value list “LTS systems” used by DRS2. These values are now ready to be used for object ingest events when digital content from EAS and DASH is deposited to DRS2.
- IDS (Image Delivery Service) service calls to DRS2 have been updated to prevent sporadic “conversion failed” errors on delivery of JPEG2000 images from DRS2.
- IDS has been optimized to provide faster delivery of images from DRS2.

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http://hul.harvard.edu/ois/systems/drs/docs/drs2-prod-relnotes-2_4.pdf

Known Issues

See also the list of known issues in the [Release Notes for DRS2 version 2.3](#).

Web Admin:

- DRS2 Web Admin batch summary page doesn't display all objects in a batch if a batch has over 25 objects.
 - The workaround is to search for objects “deposited in batch with ID” using advanced search, which will display all objects in the batch in the search results.
- Due to an issue introduced when DRS1 Web Admin was updated for DRS metadata migration, file-to-file relationships currently can't be deleted in DRS1 Web Admin. The following workarounds are available:
 - If the relationship needs to be deleted in order to delete a file from DRS1, then, as long as it is a non-structural relationship (not a PDS relationship), you can add file to a set and the delete file as part of the set. This will delete the file and the relationship.
 - If the relationship that needs to be deleted is a structural (PDS) relationship, then the file can be unlinked from the PDS object in PDS Maintenance tool and deleted in DRS1 Web Admin after that.
- Delivery URNs are not deactivated in NRS when files or objects are deleted in DRS2 Web Admin. This prevents one from reusing the URNs for new files or objects. The following workaround is available:
 - Use NRS Web Admin to manually deactivate the delivery URN of the deleted file or object or/and update the URN to point to the new delivery service URL that has the DRS ID of the new file that is reusing the URN.

Services:

- PDS for DRS2 does not honor file-level access flags when delivering PDS Document Objects with bitonal TIFFs and no deliverables stored in DRS2. Instead the access flag of the first file in the PDS object is used to determine delivery restrictions for the whole object. This does not affect PDS Objects that have deliverables stored in DRS2. The following work around is available:
 - If all file-level access flags are the same for all files in a PDS document with bitonal TIFFs, then no action is needed.
 - If file-level access flags are different, then deliverables in JPEG or JPEG2000 format should be generated and deposited to the DRS along with the bitonal TIFFs.

Please contact LTS Support Center with any questions: <http://nrs.harvard.edu/urn-3:hul.ois:drshelp>