

DOE Data ID Service Release Notes

April 30, 2022: E-Link Version 1.8.8

- Geolocation – Resolved a rare issue where the geolocation description was interpreting the values as non-valid “points” within a bounding box, which caused the record to fail release processing.
- ORCID – ORCID iDs are now being properly submitted to DataCite in the correct XML format to ensure the ORCID iDs are correctly passed on to DataCite Commons.
- [E-Link 241.6 API Documentation](#) – Added a new column that shows the type of field it is (e.g., alphanumeric character and character limit, tag, object, etc.).

May 22, 2021: E-Link Version 1.8.5

- Contributor Only – 241.6 Web Submission Interface and API can now submit a record with only a Contributor (having an author is not required if a Contributor is entered).

January 20, 2021

- DOE Data ID Service Manual version 7.2 added to the [Data Services](#) webpage.

November 21, 2020: E-Link Version 1.8.3

- Data Collections – Removed data Collection as a product type. OSTI recommends using related identifiers to show collection relationships or link related data objects going forward.
- Award DOIs – Added the option to include Award DOIs and Funder Name to dataset records via the API and Web Submission Interface.

September 1, 2020

- DSpace-to-OSTI Dataset API Python module added to GitHub at <https://github.com/doecode/dspace> to help with API submissions by translating DSpace Python metadata into OSTI’s required XML metadata fields.

August 8, 2020: E-Link Version 1.8.0

- API Documentation – Updated language for the <orcid_id> (ORCID) description to avoid syntax confusion and specify to only use the 16-digit number

August 4, 2020

- DOE Data ID Service Manual version 7.1 added to the [Data Services](#) webpage.

July 17, 2020

- OSTI API Python module added to GitHub at <https://github.com/doecode/ostiapi> to help with API submissions by translating Python into OSTI's required XML metadata fields.

April 6, 2020

- 2019 Data ID Workshop Report added to the Data Workshops webpage at https://www.osti.gov/dataexplorer/data_workshops_2019, which summarizes the workshop and the outcomes and lessons learned.

March 27, 2020

- DOE Data ID Service Manual version 7.0 added to the Data Services webpage at <https://www.osti.gov/data-services>. This is a complete redesign of the manual based on feedback from the 2019 Data ID Service Workshop, with a particular focus on education and examples.

December 7, 2019: E-Link Version 1.7.8

- Added logic in the 241.6 API to allow updates by accession number if the record already exists in the OSTI system. Records can now be updated with an <osti_id>, <doi>, or <accession_num>.
- Updated the [241.6 Instructions and Documentation](#) within E-Link to reflect the most recent changes.
- Added 2 new related identifier <relation_type> ("IsObsoletedBy" and "Obsoletes") terms based on DataCite's v4.2 schema update.
- Updated hyperlinks and text on E-Link's [About Data ID Service](#) page to reflect the latest information.

September 21, 2019: E-Link Version 1.7.7

- Updated to DataCite Metadata Schema 4.3 used for dataset submissions. Please see <https://schema.datacite.org/> for more information.
- Updated how E-Link handles 241.6 submitted records with existing, non-OSTI provided DOIs to prevent the records from erroring and not releasing.

August 3, 2019: E-Link Version 1.7.6

- Web Submission Interface – Added the ability to search and filter by Dataset Type to the Advanced Search page in E-Link.
- Updated Collection records to not require landing page URLs when submitted. If the user does not add a URL, the DOE Data Explorer metadata record webpage will automatically be used as the landing page.
- Updated E-Link release processing to skip the DataCite metadata registration and updates step if the DOI prefix associated with the submitted DOI does not belong to OSTI.

June 8, 2019: E-Link Version 1.7.5

- Data Collections
 - Removed automatic field mashup as the default functionality for Collections.
 - Added functionality to data Collections for a submitter to indicate “primary” author(s).
 - Added the functionality to remove <collection_items> tag group in favor of exclusively using the related identifiers field for association, including the “Compiles/IsCompiledBy” type for parent/child associations.
 - Updated and improved API functionality by adding a group of <add> and <remove> sets to perform set operations instead of the current “send all metadata” functions currently utilized (where a complete XML record must be sent to make any edit to existing Collection record).
 - Removed the requirement that all Collection items must exist in E-Link and must be in a “released” state.
- Web Submission Interface – Updated the summary page after the user completes submission to include the proposed DOI for reference, which will be registered with DataCite after release processing.
- Web Submission Interface – Resolved hover-over Help messages that did not display correctly.
- 241.6 Submissions – Updated the DataCite registration process to provide more information regarding failure cases so it is more apparent to the user what is wrong and how to fix the issue.
- 241.6 Submissions – Updated the test prefix used in Test E-link for dataset DOIs.

- 241.6 Submissions – Removed DOI link checking to improve the speed and efficiency of dataset submissions and DOI registration.

January 26, 2019: E-Link Version 1.7.4

- API – Improved handling of the <creators> field and <creatorsblock> when sending through edits using the 241.6 API, allowing the use of <add> or <remove> of individual creators. Added <author> and <authors> as synonyms.
- API – The 241.6 API submission was updated to require the site code tag to be sent with the submission in order to ensure the submissions are labeled with the correct site code when a user is affiliated with multiple site codes (such as two data repositories that submit separately to E-Link).
- API – Updated how E-Link handles responses from DataCite for records with DOIs that are not managed by DataCite. Previously, the error prevented the updated record from completing release processing, but now they will complete successfully.

November 3, 2018: E-Link Version 1.7.3


- Date Parsing – Improved how E-Link handles date variations (for example, E-Link now accepts YYYY-MM-DD in addition to YYYY/MM/DD).
- API – Updated the API's error handling to prevent the creation of OSTI IDs if no creator is submitted.
- API – Updated how Collection records process Authors to prevent duplicate Authors from being added to the same record. This is important because Collection records combine the author fields of all dataset records associated with it.
- API and Web Submission Interface – Added two new Data Types to the data type field: "Award" and "Instrument".

June 4, 2018: E-Link Version 1.7.1

- Updated the Web Submission Interface and API to replace the older "Contributor Organization(s)" field with an updated name of <collaboration_names>.

March 24, 2018: E-Link Version 1.6.8

- Removed Software as a valid dataset type option for new 241.6 records. Software is not needed as a dataset type, as all software should be submitted to DOE CODE.



November 16, 2017: E-Link Version 1.6.7

- API – Updated how the API handles submissions with the <title> tag and set the correct workflow status to prevent a record from being submitted without a title.

August 1, 2017: E-Link Version 1.6.4

- API – Added the <site_input_code> tag to both POST and GET so that the user can specify which site code to use and also to know what site code the records belong to.
- Collections – Updated the API to support an additional product type of Collection.
- Collections – If a product type is "Collection," the Edit and Enhance buttons are now hidden for that record.

April 22, 2017: E-Link Version 1.6.1

- Geolocation – Added Edit functionality so that geolocation can be updated.

March 29, 2017: E-Link Version 1.6.0

- Geolocation – Added a new metadata field to save Geolocation information to the Web Submission Interface and API.