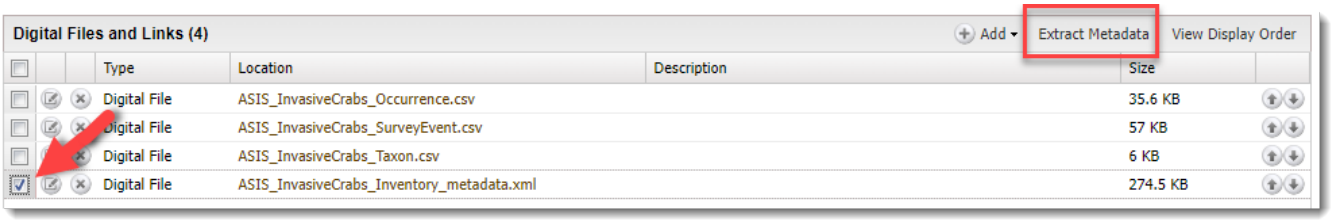
Extract an EML File To Populate a Data Package Reference

This section covers steps to take if you want to extract the Ecological Metadata Language (EML) file in a Data Package reference to populate the metadata fields in DataStore. Learn more about creating EML files here.

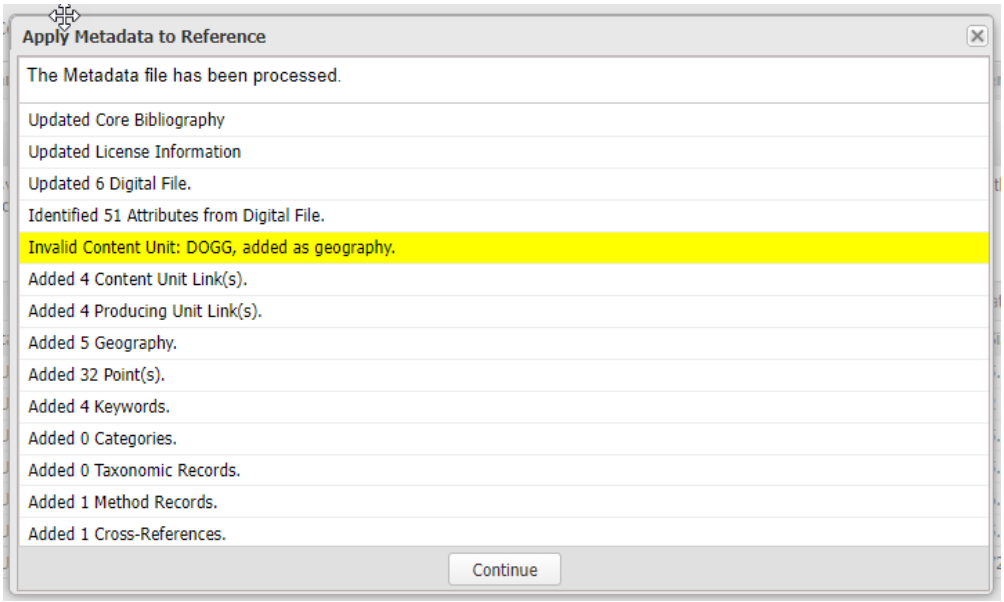
Load Files and Extract Metadata:

- Upload data package files, which should include one xml file containing metadata and one or more .csv files. If you created a reference previously so that you could include a DOI in your EML, make sure that you upload your files to that reference. Otherwise, you can create a new reference and the DOI will be assigned at this time.
- Select the xml file.
- Click the Extract Metadata button. This button is only enabled for references in the Draft state that have never been activated.



Extraction Output:

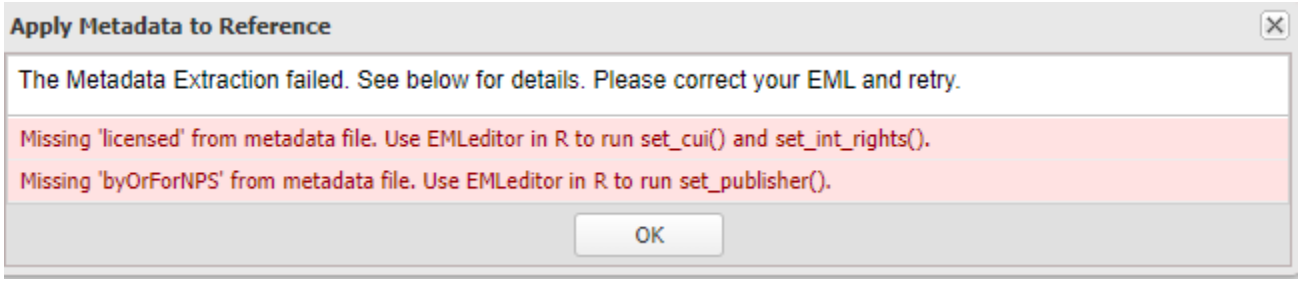
- If the extraction runs to completion and the EML is imported into DataStore, you will see a summary of the fields extracted:



- This message indicates that DataStore metadata fields have been populated. Lines highlighted in yellow are warnings that do not stop the import.

  .

- If there is an error in your EML, such as a missing element, you will see a window with message(s) highlighted in red:



- When there are errors, the extraction will stop and none of the DataStore metadata fields will be populated.
- Correct the EML. Contact nrss_datastore@nps.gov with questions.
- After correcting your EML, upload it to DataStore and re-extract.

Important Notes:

- If you extract metadata but then extract it a second time:
  - Metadata in the Core Info, Units and Geography, Keywords and Categories, and Methods tabs will be replaced.
  - On the Taxonomy tab, records in the "Taxonomic Records Extracted from Metadata for this Reference" grid will be replaced, while records in the "Taxonomic Records for this Reference" grid will not be removed.
  - Files will have their descriptions updated.
  - The Permissions tab is unaffected.
- If you manually enter values into DataStore prior to extraction, the extracted values will override the manually entered values.
- You can manually override any extracted value in the reference, with the exception of entries on the Geography panel and Taxonomy tab.

Tips:

- Not all elements required for a successful import are shown on the GUI. Make sure that you have populated these elements *in the EML file*:
  - Title
  - Abstract
  - Creator
  - Data Table Attributes
  - Methods
  - By or For the NPS
  - Publication Date

- Location (Place Produced)
- License Name
- File Name
- Size In Bytes
- File Description
- MD5 Hash

- A record of the most recent successful metadata extraction date is shown on the History Tab:

