

Update to the MetadataWizard



What?

- Major overhaul to Metadata Wizard
- Switch to Python implementation
- Open-source project

The image displays the Metadata Wizard software interface, which is a web-based application for creating and managing metadata. The interface is divided into several tabs: Identification, Data Quality, Spatial, Entity and Attribute, Distribution, and Metadata Reference. The Identification tab is currently active, showing a form for entering general information about the data set.

Identification Information

Data Set Title
A good title includes 'What,' 'Where,' and 'When.' (Example: Point
Cheatgrass mapping in Squeml Creek Wildfire, WY in 2014 boosted

Data Set Author / Originator
Who created the data set? List the organization and/or person(s)
Originator(s) List individually on each line. *
Catherine Jamevich

Is there a contact person or agency for this data set?
This is someone who could be contacted for questions about the data set.
Having a data set contact is very helpful.

Organization Person

Contact Person
Brian S Cade *
Organization Name
U.S. Geological Survey, Southwest Region
Title of Position
Research Statistician (Biology)
Telephone Number
970-226-9326 *
Fax Number
970-226-9230
Email Address
cadeb@usgs.gov

Address 1 (Number of Street)
2150 Centre Avenue Bldg C *
Address 2 (if Applicable)
Address 3 (if Applicable)
City
Fort Collins *
State / Province
CO *
Zipcode
80526 *
Country
United States
Address Type
mailing address *

Taxonomy
Does this record contain biological data about particular species or other taxons? Yes No

Taxonomic Keywords
Thesaurus

Keywords
Keywords are often used in the search function of GIS data portals and data clearinghouses. Provide a list of descriptive keywords related to the content of your data set. * = Required

Theme Keywords
We recommend that use keywords from a controlled vocabulary where possible ->
We also recommend that you include at least one keyword from the ISO 19115 Topic Category ->
If the controlled vocabularies and ISO keywords are not sufficient you can also add free text keywords.

ISO 19115
Thesaurus ISO 19115 Topic Category
ISO Topic Category Keywords

farming

Place Keywords (Grouped by Thesaurus):
Are there any Place Keywords associated with this dataset? Yes No
We recommend that use keywords from a controlled vocabulary where possible ->

Why?

- **Some people live without ESRI**
- **Use Entity and Attribute builder on CSV or Excel**
- **Error correction was a bit ‘expert-friendly’**
- **Modernize the UI**
 - **EA builder embedded on main form**
 - **Collapsible elements**
- **Add ITIS Taxonomy section builder**

But wait, there's more!

- Copy and Paste sections or compound elements between records
 - Visualize / edit spatial domain
 - Switch between BDP and straight FGDC in a record
 - Built in help
 - More intuitive file access: New, Open, Save, Save as...
 - Python library for batch updating records
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Demo

Questions?

-- More info available at:

<https://github.com/usgs/fort-pymdwizard>

-- Example of script using the core functionality:

<https://github.com/usgs/fort-pymdwizard/blob/master/examples/pymdwizard%20scripting.ipynb>