

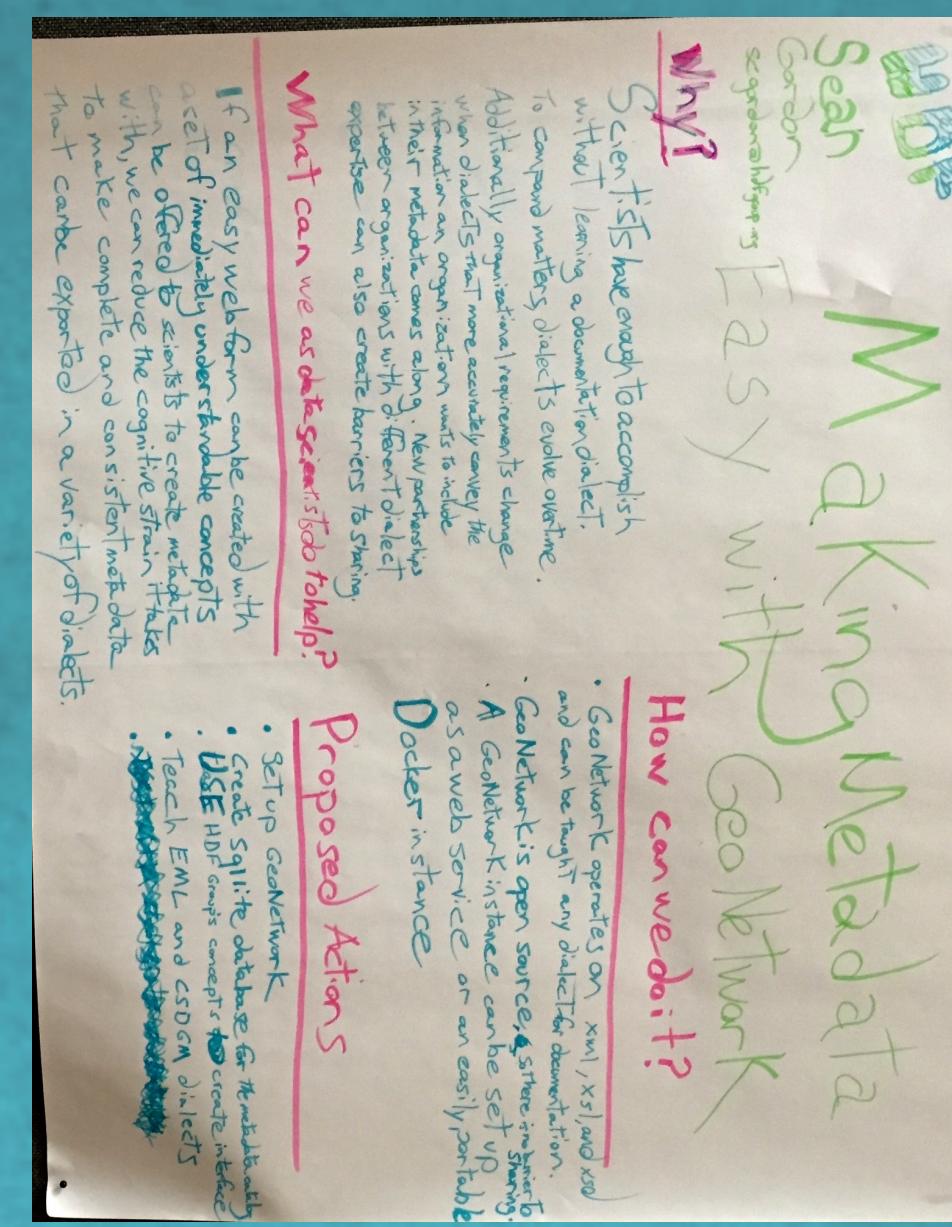


Making Metadata Easy

A Recommendations Based Approach To Documentation using GeoNetwork

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Proposal



<https://goo.gl/0SmvSI>



Statement Of Work

- GeoNetwork is a standards based editor and catalog

- Community recommendations facilitate quality metadata

- Standards based documentation can be difficult to write well

- Simple, editable webforms

Tasks

- Create GeoNetwork instance
- Explore integration of the Ecological Metadata Language and the Content Standard for Digital Geospatial Metadata
- Create webform for a recommendation using HDF concepts
- Make and edit metadata

Deliverables

Poster Presentation at 2017 ESIP Winter Meeting

<https://goo.gl/TBg5zT>



Process

- Research GeoNetwork, read documentation
- Use Github to build a development instance of the application
- Focus on integration of recommendations into editor using views
- Implement a schema plugin for ISO 19115-3
- Use ISO 19115-3 as template dialect
- Alter ISO 19115-3 schema plugin to display HDF concept names and descriptions
- Find transforms to facilitate ingest and export in other dialects
- Explore possibility of using export API to create collections analysis workflows and dialect selection
- Utilize Open Science Framework and Github to document and share research

<https://goo.gl/Uzz7PC>

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Toolkit



Workflow

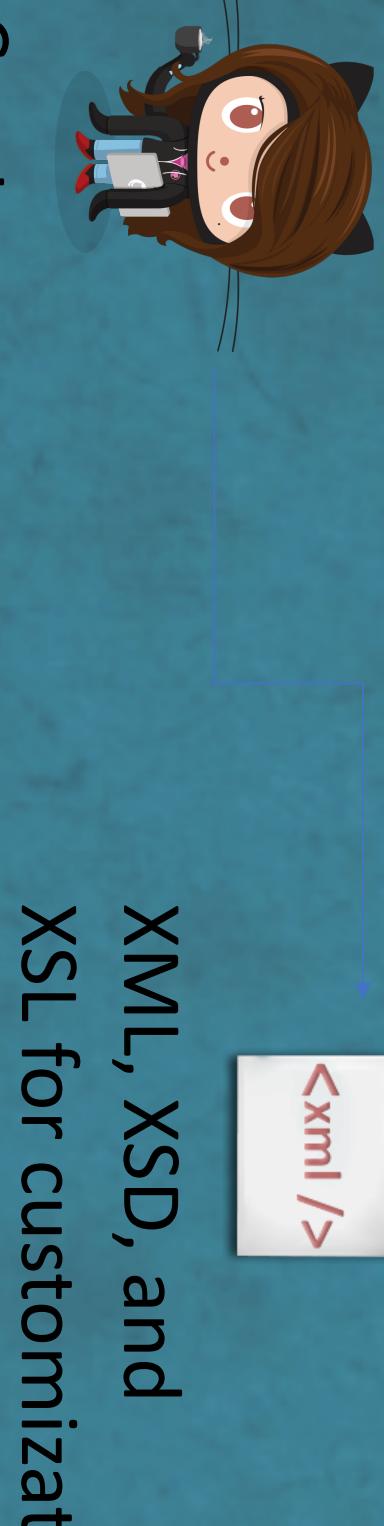


Results

- Supports ingest of DataCite, CSDGM, DIF, ECHO, ISO 19115, ISO 19115-2, ISO 19115-3, and Dublin Core
- Transforms to ISO 19115-3 or ISO 19115 on ingest which can then be transformed to ISO 19115-3 for editing
- Created views for the ISO 19115-3 for Data Discovery as well as DataCite
- Implement a schema plugin for ISO 19115-3
- Use ISO 19115-3 as template dialect
- Alter ISO 19115-3 schema plugin to display HDF concept names and descriptions
- Utilize Open Science Framework and Github to document and share research
- Find transforms to facilitate ingest
- Explore possibility of using export API to create collections analysis workflows and dialect selection

<https://goo.gl/9cvNQ1>

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Create Funding Friday MME repository

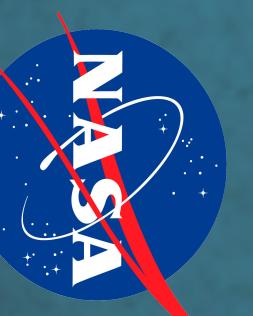
Why not...

- Ingest EML?
- Export CSDGM or EML?
- Why not Docker?
- Why not SQLite?

<https://goo.gl/9cvNQ1>

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<https://goo.gl/esudzj>

