Collection Evaluation And Evolution

Ted Habermann, John Kozimor
The HDF Group
thabermann@hdfgroup.org

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Collection Evaluation

Recommendation

Are recommended elements there?

What is there?

Quick Evaluations
Recommendation Reports

**Purpose:** To identify and compare the usage of UMM Profile concepts across CMR Metadata Collections.

**Scope:** This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

**Demo Focus:** UMM-Collection metadata Profile
Quick Evaluations

**Purpose:** To identify and compare the usage of commonly used documentation objects across CMR metadata Collections.

**Scope:** This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

**Demo Focus:** How do CMR metadata providers document people and organizations?

https://confluence.hdfgroup.org/pages/viewpage.action?pageId=48802017
Collection Evolution

How have NASA collections evolved?

CMR 2016

How do NASA collections compare to others?

CMR 2017

CMR Other

SciOps (DIF)

How does source dialect effect metadata?
Comparisons

- Fields in no collections both groups
- Fields in all collections both groups
- Occurrence Increasing
- Occurrence Decreasing
- New Elements
- Equality

Size = #

1

5

% Collections Group 1

% Collections Group 2
UMM-Common Evolution

UMM Common % (2017 vs. 2016)

- Contact URL
- Quality measure code
- Corrected translation error
UMM-Collection Evolution

![Diagram showing UMM Collection % (2017 vs. 2016)]
Other vs. NASA Exists

![Bubble Chart](image)

- **X-axis**: NASA Collections %
- **Y-axis**: Other Collections %

The chart compares the percentages of NASA and other collections, with the size of the bubbles indicating the quantity of data points for each category.
Other vs. NASA Complete
SciOpsProvided Elements vs. NASA

![Graph showing the comparison between SciOpsProvided and NASA Collections.](image-url)
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