Collection Evaluation And Evolution

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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

https://confluence.hdfgroup.org/pages/viewpage.action?pageId=48803313
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](https://confluence.hdfgroup.org/pages/viewpage.action?pageId=48802017)
How have NASA collections evolved?

How do NASA collections compare to others?

How does source dialect effect metadata?

CMR 2016

CMR 2017

CMR Other

SciOps (DIF)
Comparisons

- **Occurrence Increasing**
- **Occurrence Decreasing**
- **Equality**

- **% Collections Group 2**
- **% Collections Group 1**

- **Fields in all collections both groups**

- **Fields in no collections both groups**

- **New Elements**

- **Size = #**

- **1**

- **5**

- **Fields in all collections both groups**
UMM-Common Evolution
UMM-Collection Evolution

U MM Collection % (2017 vs. 2016)

- Blue: Required
- Red: Recommended

Edition

Data date
Resource Identifier
Other vs. NASA Exists
Other vs. NASA Complete
SciOpsProvided Elements vs. NASA
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