



## Metadata Standards Catalog: Current Status

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## Timeline

- 2012-05 DCC Disciplinary Metadata Catalogue proposed
- 2013-01 **DCC Disciplinary Metadata Catalogue launched**
- 2013-10/2013-12 RDA Metadata Standards Directory WG runs survey, adds 18 standards/profiles, 13 metadata tools to DCC Disciplinary Metadata Catalogue
- 2014-03 New community-maintained **Metadata Standards Directory launched** on GitHub
- 2016-01 RDA Metadata Standards Catalog WG endorsed
- 2017-07 Prototype Metadata Standards Catalog complete – WG in ‘maintenance mode’
- 2017-12 **Metadata Standards Catalog v1 launched** on DCC servers
- 2019-03 Metadata Standards Catalog v1 migrated to Bath servers
- 2020-04 Work begins on Metadata Standards Catalog v2
- 2020-09 **Metadata Standards Catalog v2 launched**





# Improvements in version 2.1

 Linked Data namespaces for metadata schemes

Sponsored by the Dublin Core Metadata Initiative, Dublin Core was published as ISO Standard 15836 in February 2009.

Used in Multidisciplinary

## Documentation

[View specification](#)

[Visit website](#)

## Predicate namespaces

**dcterms** <http://purl.org/dc/terms/>



**dcmitype** <http://purl.org/dc/dcmitype/>

**dcam** <http://purl.org/dc/dcam/>





## Improvements in version 2.1

-  Linked Data namespaces for metadata schemes
-  Authenticated API endpoints

```
$ curl -u "mscwg:old-password"  
https://rdamsc.bath.ac.uk/api2/user/token  
  
{  
  "apiVersion": "2.1.0",  
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.  
}  
  
$ curl -H "Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.  
-d '{"new_password": "high-entropy-password"}'  
https://rdamsc.bath.ac.uk/api2/user/reset-passw  
  
{  
  "apiVersion": "2.1.0",  
  "password_reset": true,  
  "username": "mscwg"
```





## Improvements in version 2.1

- 🌐 Linked Data namespaces for metadata schemes
- 🌐 Authenticated API endpoints
- 🌐 POST, PUT, and DELETE methods for the main five record types

```
$ curl -H "Authorization: Bearer eyJhbGciOiJIUzI1Ii  
-d '{"title": "New scheme", "description": "Thi  
-X POST https://rdamsc.bath.ac.uk/api2/m  
  
{  
  "apiVersion": "2.1.0",  
  "meta": {"conformance": "valid"},  
  "data": {  
    "mscid": "msc:m999",  
    "uri": "https://rdamsc.bath.ac.uk/api2/m999",  
    "slug": "new-scheme",  
    ... rest of record ...  
  }  
}
```







## Improvements in version 2.1

- 🌐 Linked Data namespaces for metadata schemes
- 🌐 Authenticated API endpoints
- 🌐 POST, PUT, and DELETE methods for the main five record types
- 🌐 POST, PUT, PATCH, and DELETE methods for inter-record relationships
- 🌐 POST, PUT, and DELETE methods for controlled vocabulary terms

```
$ curl -H "Authorization: Bearer eyJhbGciOiJIUzI1
-d '{"id": "https://www.w3.org/TR/vocab-dcat/#c
      "label": "Dataset"}'
-X PUT https://rdamsc.bath.ac.uk/api2/datatype2

{
  "apiVersion": "2.1.0",
  "meta": {"conformance": "complete"},
  "data": {
    "mscid": "msc:datatype2",
    "uri": "https://rdamsc.bath.ac.uk/api2/dataty
    "id": "https://www.w3.org/TR/vocab-dcat/#clas
    "label": "Dataset"
  }
}
```





## Improvements in version 2.1

- 🌐 Linked Data namespaces for metadata schemes
- 🌐 Authenticated API endpoints
- 🌐 POST, PUT, and DELETE methods for the main five record types
- 🌐 POST, PUT, PATCH, and DELETE methods for inter-record relationships
- 🌐 POST, PUT, and DELETE methods for controlled vocabulary terms
- 🌐 Filtering parameter on GET methods for collection endpoints

```
$ curl "https://rdamsc.bath.ac.uk/api2/m?q=dubli"
{
  "apiVersion": "2.1.0",
  "data": {
    "currentItemCount": 9,
    "items": [ {
      "mscid":"msc:m15",
      "title":"Dublin Core",
      ... rest of record ...
    }, ... rest of records ...
  ],
  "itemsPerPage":10,
  "pageIndex":1,
  "startIndex":1,
```







## Next steps

### Data quality improvements:

- 🌐 Update and expand the information held in the Catalog
  - Bring in any new information from earlier incarnations
- 🌐 Migrate snapshot to Metadata Standards Directory, freeze it, deprecate it
- 🌐 Migrate snapshot to DCC Disciplinary Metadata Catalogue





## Thank you for your attention

Metadata Standards Catalog Working Group:

<https://rd-alliance.org/groups/metadata-standards-catalog-working-group.html>

Metadata Standards Catalog: <https://rdamsc.bath.ac.uk/>

