
DH-oaipmh Documentation

Release 2019

DARIAH-DE

June 25, 2020

CONTENTS

1	API Documentation	3
1.1	#VERSION	3
1.2	#GET /oai	3
1.3	Identify Request	3
1.4	GetRecord Request	4
1.5	ListRecords Request	5
1.6	ListIdentifiers Request	7
1.7	ListMetadataformats Request	8
1.8	ListSets Request	9
2	Sources	11
3	Bugtracking	13
4	License	15

A PFD version of this DH-oaipmh Service Documentation you can find [HERE](#).

The DARIAH-DE OAI-PMH Service is the service to harvest all metadata from the collections stored in the DARIAH-DE Repository. So the [Generic Search](#) can index all the data that is entered into the [Collection registry](#).

API DOCUMENTATION

1.1 #VERSION

To check the current productive OAI-PMH version simply try:

<https://repository.de.dariah.eu/1.0/oaipmh/oai/version>

and you get the currently deployed version of the DARIAH-DE OAI-PMH Service.

1.2 #GET /oai

Every OAI request requires the parameter verb. Depending on this verb there are some required and some optional further parameters. The possible values for verb are:

Verb	Description
Identify	Some information about the repository that will be harvested
GetRecord	Get the metadata of a specific item of the repository
ListRecords	Get all records of the repository. The amount of records can be limited by other parameter. See the regarding section
ListIdentifiers	Same as the listRecords request but only the header of the listRecords request is given
ListMetadataFormats	Shows the metadata formats supported by the repository or all metadata formats provided for a specific item
ListSets	Shows the structure of the repository

1.3 Identify Request

Parameter	Type	Description	Required
verb=Identify	String	Verb for the identify request	yes

Response

Objects belonging to a project, filter objects which are in an aggregation in same project.

Example Request

<https://repository.de.dariah.eu/1.0/oaipmh/oai?verb=Identify>

Example Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:ns2="http://purl.org
xmlns:ns3="http://www.openarchives.org/OAI/2.0/oai_dc/">
  <responseDate>2017-12-05T16:54:46Z</responseDate>
  <request verb="Identify">repository.de.dariah.eu</request>
  <Identify>
    <repositoryName>DARIAH-DE Repository</repositoryName>
    <baseURL>http://repository.de.dariah.eu/1.0</baseURL>
    <protocolVersion>2.0</protocolVersion>
    <adminEmail>support@de.dariah.eu</adminEmail>
    <earliestDatestamp>2011-06-11T02:32:40Z</earliestDatestamp>
    <deletedRecord>no</deletedRecord>
    <granularity>YYYY-MM-DDThh:mm:ssZ</granularity>
  </Identify>
</OAI-PMH>
```

1.4 GetRecord Request

Parameter	Type	Description	Re- quired
verb=GetRecord	String	Verb for the GetRecord request	yes
identifier	URI	Identifier for the item inside the repository	yes
metadataPrefix	String	Prefix to get the items in a specific metadata format	yes

Response

Objects belonging to a project, filter objects which are in an aggregation in same project.

Example Request

https://repository.de.dariah.eu/1.0/oaipmh/oai?verb=GetRecord&identifier=21.11113/0000-000B-C8EF-7&metadataPrefix=oai_dc

Example Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:ns2="http://purl.org
xmlns:ns3="http://www.openarchives.org/OAI/2.0/oai_dc/">
  <responseDate>2017-12-05T16:57:34Z</responseDate>
  <request verb="GetRecord" identifier="21.11113/0000-000B-C8EF-7" metadataPre
    >repository.de.dariah.eu</request>
  <GetRecord>
    <record>
      <header>
        <identifier>hdl:21.11113/0000-000B-C8EF-7</identifier>
        <datestamp>2017-12-04T18:25:31Z</datestamp>
```

```

        </header>
        <metadata>
          <ns3:dc>
            <ns2:creator>DARIAH-DE</ns2:creator>
            <ns2:date>2017-12-04T18:25:31Z</ns2:date>
            <ns2:description>The collection containing the terms of use
              Repository.</ns2:description>
            <ns2:format>text/vnd.dariah.dhrep.collection+turtle</ns2:for
            <ns2:identifier>doi:10.20375/0000-000B-C8EF-7</ns2:identifie
            <ns2:identifier>hdl:21.11113/0000-000B-C8EF-7</ns2:identifie
            <ns2:rights>CC0</ns2:rights>
            <ns2:title>DARIAH-DE Repository - Terms of Use</ns2:title>
          </ns3:dc>
        </metadata>
      </record>
    </GetRecord>
  </OAI-PMH>

```

1.5 ListRecords Request

Parameter	Type	Description	Re-quired
verb=ListRecords	String	Verb for the GetRecord request	yes
from	date	Start time of the responded items	no
to	date	End time of the responded items	no
set	String	Get just item for a specific term	no
metadataPrefix	String	Prefix to get the items in a specific metadata format	yes
resumptionToken	String	Fetching large responses in smaller parts not implemented	no

Response

Objects belonging to a project, filter objects which are in an aggregation in same project.

Example Request

https://repository.de.dariah.eu/1.0/oaipmh/oai?verb=ListRecords&metadataPrefix=oai_dc

Example Response

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:ns2="http://purl.org
  xmlns:ns3="http://www.openarchives.org/OAI/2.0/oai_dc/">
  <responseDate>2017-12-05T16:59:04Z</responseDate>
  <request verb="ListRecords" metadataPrefix="oai_dc" set="21.11113/"
    >repository.de.dariah.eu</request>
  <ListRecords>
    <record>
      <header>

```

```
        <identifier>hdl:21.11113/0000-000B-C8FE-6</identifier>
        <datestamp>2017-12-05T12:52:29Z</datestamp>
        <setSpec>21.11113/</setSpec>
    </header>
    <metadata>
        <ns3:dc>
            <ns2:creator>Mache, Beata</ns2:creator>
            <ns2:date>2017-12-05T12:52:29Z</ns2:date>
            <ns2:format>text/xml</ns2:format>
            <ns2:identifier>doi:10.20375/0000-000B-C8FE-6</ns2:identifie
            <ns2:identifier>hdl:21.11113/0000-000B-C8FE-6</ns2:identifie
            <ns2:relation>hdl:21.11113/0000-000B-C8F2-2</ns2:relation>
            <ns2:rights>CC BY</ns2:rights>
            <ns2:title>Universal-Kirchenzeitung-XML_015.xml</ns2:title>
        </ns3:dc>
    </metadata>
</record>
<record>
    <header>
        <identifier>hdl:21.11113/0000-000B-C906-C</identifier>
        <datestamp>2017-12-05T12:52:37Z</datestamp>
        <setSpec>21.11113/</setSpec>
    </header>
    <metadata>
        <ns3:dc>
            <ns2:creator>Mache, Beata</ns2:creator>
            <ns2:date>2017-12-05T12:52:37Z</ns2:date>
            <ns2:format>text/xml</ns2:format>
            <ns2:identifier>doi:10.20375/0000-000B-C906-C</ns2:identifie
            <ns2:identifier>hdl:21.11113/0000-000B-C906-C</ns2:identifie
            <ns2:relation>hdl:21.11113/0000-000B-C8F2-2</ns2:relation>
            <ns2:rights>CC BY</ns2:rights>
            <ns2:title>Universal-Kirchenzeitung-XML_033.xml</ns2:title>
        </ns3:dc>
    </metadata>
</record>
```

...

```
<record>
    <header>
        <identifier>hdl:21.11113/0000-000B-C988-9</identifier>
        <datestamp>2017-12-05T12:54:51Z</datestamp>
        <setSpec>21.11113/</setSpec>
    </header>
    <metadata>
        <ns3:dc>
            <ns2:creator>Honinghaus, Julius Vincent</ns2:creator>
            <ns2:date>2017-12-05T12:54:51Z</ns2:date>
            <ns2:format>PDF</ns2:format>
            <ns2:identifier>hdl:21.11113/0000-000B-C988-9</ns2:identifie
```

```

        <ns2:identifier>doi:10.20375/0000-000B-C988-9</ns2:identifier>
        <ns2:language>de</ns2:language>
        <ns2:relation>hdl:21.11113/0000-000B-C8F2-2</ns2:relation>
        <ns2:rights>CC 0</ns2:rights>
        <ns2:title>Universal-Kirchenzeitung-Faksimile_041.pdf</ns2:title>
      </ns3:dc>
    </metadata>
  </record>
  <resumptionToken completeListSize="343" cursor="100"
    >cXVlcn1UaGVuRmV0Y2g7NTsxMTE3OkZ1cl9ubFphUkh1MkFLVTRiTXZzZVE7NzQ1OkJ
  </ListRecords>
</OAI-PMH>

```

1.6 ListIdentifiers Request

Parameter	Type	Description	Re-quired
verb=ListIdentifiers	String	Verb for the ListIdentifiers request	yes
metadataPrefix	String	Format for the metadata response	yes
from	date	Start time of the responded items	no
to	date	End time of the responded items	no
set	String	Get just item for a specific term	no
resumptionToken	String	Fetching large responses in smaller parts not implemented	no

Response

Objects belonging to a project, filter objects which are in an aggregation in same project.

Example Request

https://repository.de.dariah.eu/1.0/oaipmh/oai?verb=ListIdentifiers&metadataPrefix=oai_dc

Example Response

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:ns2="http://purl.org
  xmlns:ns3="http://www.openarchives.org/OAI/2.0/oai_dc/">
  <responseDate>2017-12-05T17:00:27Z</responseDate>
  <request verb="ListIdentifiers" metadataPrefix="oai_dc">repository.de.dariah
  <ListIdentifiers>
    <header>
      <identifier>hdl:21.11113/0000-000B-C8F0-4</identifier>
      <datestamp>2017-12-04T18:25:31Z</datestamp>
    </header>
    <header>
      <identifier>hdl:21.11113/0000-000B-C8FC-8</identifier>
      <datestamp>2017-12-05T12:52:27Z</datestamp>
    </header>
  </ListIdentifiers>

```

```

<header>
  <identifier>hdl:21.11113/0000-000B-C904-E</identifier>
  <timestamp>2017-12-05T12:52:35Z</timestamp>
</header>
<header>
  <identifier>hdl:21.11113/0000-000B-C90C-6</identifier>
  <timestamp>2017-12-05T12:52:43Z</timestamp>
</header>
<header>
  <identifier>hdl:21.11113/0000-000B-C914-C</identifier>
  <timestamp>2017-12-05T12:52:51Z</timestamp>
</header>

```

...

```

<header>
  <identifier>hdl:21.11113/0000-000B-C946-4</identifier>
  <timestamp>2017-12-05T12:53:43Z</timestamp>
</header>
<header>
  <identifier>hdl:21.11113/0000-000B-C94E-C</identifier>
  <timestamp>2017-12-05T12:53:50Z</timestamp>
</header>
<resumptionToken completeListSize="348" cursor="100"
  >cXVlcnlUaGVuRmV0Y2g7NTsxMTIwOkZ1cl9ubFphUkh1MkFLVTRiTXZzZVE7NzQ3OkJ
</ListIdentifiers>
</OAI-PMH>

```

1.7 ListMetadataformats Request

Parameter	Type	Description	Required
verb=ListMetadataFormats	String	Verb for the listIdentifiers request	yes
identifier	URI	Identifier of the requested item	no

Response

Objects belonging to a project, filter objects which are in an aggregation in same project.

Example Request

<https://repository.de.dariah.eu/1.0/oaipmh/oai?verb=ListMetadataFormats>

Example Response

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:ns2="http://purl.org
  xmlns:ns3="http://www.openarchives.org/OAI/2.0/oai_dc/">
  <responseDate>2017-12-05T17:01:23Z</responseDate>
  <request verb="ListMetadataFormats">repository.de.dariah.eu</request>
  <ListMetadataFormats>

```

```

    <metadataFormat>
      <metadataPrefix>oai_dc</metadataPrefix>
      <schema>http://www.openarchives.org/OAI/2.0/oai_dc.xsd</schema>
      <metadataNamespace>http://www.openarchives.org/OAI/2.0/oai_dc/</meta
    </metadataFormat>
  </ListMetadataFormats>
</OAI-PMH>

```

1.8 ListSets Request

Parameter	Type	Description	Re-quired
verb=ListSets	String	Verb for the ListSets request	yes
resumptionToken	String	Fetching large responses in smaller parts not implemented	no

Response

Objects belonging to a project, filter objects which are in an aggregation in same project.

Example Request

<https://repository.de.dariah.eu/1.0/oaipmh/oai?verb=ListSets>

Example Response

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:ns2="http://purl.org
  xmlns:ns3="http://www.openarchives.org/OAI/2.0/oai_dc/">
  <responseDate>2017-12-05T17:02:17Z</responseDate>
  <request verb="ListSets">repository.de.dariah.eu</request>
  <ListSets>
    <set>
      <setSpec>hdl:21.11113/0000-000B-CA34-7</setSpec>
      <setName>Universal-Kirchenzeitung - KML-File</setName>
    </set>
    <set>
      <setSpec>hdl:21.11113/0000-000B-C8F4-0</setSpec>
      <setName>Universal-Kirchenzeitung - XML</setName>
    </set>
    <set>
      <setSpec>hdl:21.11113/0000-000B-C8F2-2</setSpec>
      <setName>Unparteiische Universal-Kirchenzeitung für die Geistlichkeit
        Weltklasse des protestantischen, katholischen und israelitischen
        Deutschlands</setName>
    </set>
    <set>
      <setSpec>hdl:21.11113/0000-000B-CA3E-D</setSpec>
      <setName>Universal-Kirchenzeitung - Register</setName>
    </set>
  </ListSets>
</OAI-PMH>

```

```
</set>
<set>
  <setSpec>hdl:21.11113/0000-000B-C95E-A</setSpec>
  <setName>Universal-Kirchenzeitung - Faksimile</setName>
</set>
<set>
  <setSpec>hdl:21.11113/0000-000B-C9C8-1</setSpec>
  <setName>Universal-Kirchenzeitung - Volltext</setName>
</set>
<set>
  <setSpec>hdl:21.11113/0000-000B-C8EF-7</setSpec>
  <setName>DARIAH-DE Repository - Terms of Use</setName>
</set>
</ListSets>
</OAI-PMH>
```

CHAPTER

TWO

SOURCES

See [oaipmh_sources](#)

BUGTRACKING

See [oaipmh_bugtracking](#)

CHAPTER

FOUR

LICENSE

See LICENCE