



Archaeological Information System of the Czech Republic

Public API AMCR Data Provider

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Introduction

The Archaeological Information System of the Czech Republic (**AIS CR**) is a research infrastructure integrating digital resources on Czech **archaeology**. In our core information system (**Archaeological Map of the Czech Republic**, AMCR), we collect and curate data on new and past archaeological activities conducted in the Czech Republic. We strive to follow **FAIR** principles and introduce new digital services for the archaeological community and the general public.

Public API

The API provides metadata records from the **AMCR database** in a machine readable format using the **Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH)**.

OAI-PMH implementation supports representation in **native AMCR XML**, **CIDOC-CRM** and **Dublin Core**.

Example Request

List **identifiers** of **documents** that were published between **1st and 28th February 2021** in **CIDOC-CRM**.

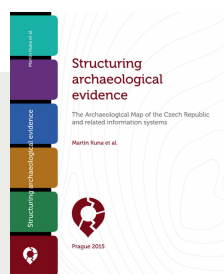
`https://api.aiscr.cz/dapro/oai?verb=ListIdentifiers&set=dokument&from=2021-02-01&until=2021-02-28&metadataPrefix=oai_rdf` *click me*

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
<OAI-PMH xmlns:gml="http://www.opengis.net/gml/3.2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.openarchives.org/OAI/2.0/"
xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/ http://www.openarchives.org/OAI/2.0/OAI-PMH.xsd">
  <responseDate>2021-03-30T10:15:58Z</responseDate>
  <request verb="ListIdentifiers" metadataPrefix="oai_rdf" from="2021-02-01" until="2021-02-28"
set="dokument">https://api.aiscr.cz/dapro/oai</request>
  <ListIdentifiers>
    <header>
      <identifier>https://api.aiscr.cz/id/C-DL-200800868</identifier>
      <datestamp>2021-02-01</datestamp>
      <setSpec>dokument</setSpec>
    </header>
    <header>
      <identifier>https://api.aiscr.cz/id/C-LD-000011386</identifier>
      <datestamp>2021-02-01</datestamp>
      <setSpec>dokument</setSpec>
    </header>
    <resumptionToken cursor="0" expirationDate="2021-03-31T22:30:00Z">2021-03-30.oai_rdf.1000.dokument.1000.2021-02-01.2021-02-28.t</resumptionToken>
  </ListIdentifiers>
</OAI-PMH>
```

To get another page, use

`resumptionToken=` as a single argument to a given verb.

For more information on the infrastructure, check the **Structuring archaeological evidence** book by **Martin Kuna et al.**



Verbs

`https://api.aiscr.cz`

`/dapro/oai?verb=`

Identify

returns information on the repository

ListMetadataFormats

returns available metadata formats

ListIdentifiers

returns record headers

arguments: metadataPrefix
optional: set, from, until

ListRecords

returns records

arguments: metadataPrefix
optional: set, from, until

GetRecord

returns individual record

arguments: metadataPrefix,
identifier

ListSets

lists possible sets

click the verbs to see example requests

Arguments

`&metadataPrefix=`

oai_dc oai_rdf oai_amcr
Dublin Core CIDOC-CRM Native XML

`&identifier=`

filters based on identifier, see **ListIdentifiers**

`&set=`

filters based on sets, see **ListSets**

`&from=`

`&until=`

date in ISO-8601, i.e. 2021-04-01