

# edm

## Description

The method `edm` returns the Europeana Data Model (DDB profile) of an item for a given item-ID. This method provides response data as `application/json` and `application/xml`. It is a read-only service and must be accessed with a HTTP-GET-request.

```
GET /items/<PathParameters>/edm?<QueryParameters> HTTP/1.1
```

## Request Header

| Name                 | Value(s)                                   | Required | Repeatable | Default value    | Description   |
|----------------------|--|----------|------------|------------------|---|
| <b>Accept</b>        | application/json<br>application/xml<br>*/* | yes      | no         | application/json | Specifies the format of the accepted data. Every request needs to be sent with a valid Accept Header defining the requested response format. Otherwise the response to the request will be a 406 - Not acceptable status code. If the request accepts every kind of data (Accept: */*) JSON will be returned. |
| <b>Authorization</b> | OAuth oauth_consumer_key="<API key>"       | yes      | no         | -                | An API key is mandatory for data access. You may enclose it by either sending it as Query Parameter or (as mentioned here) in the Request Header.   |
| <b>Host</b>          | api.deutsche-digitale-bibliothek.de        | yes      | no         | -                | The host is mandatory.  |

## Parameters

### Path

| Parameter         | Value(s)  | Required | Repeatable | Default value | Description                   |
|-------------------|-----------|----------|------------|---------------|-------------------------------|
| <b>identifier</b> | <item-ID> | yes      | no         | -             | The ID of the requested item. |

### Query

| Parameter | Value(s) | Required | Repeatable | Default value | Description |
|-----------|----------|----------|------------|---------------|-------------|
|-----------|----------|----------|------------|---------------|-------------|

|                                 |           |     |    |   |   |
|---------------------------------|-----------|-----|----|---|---|
| <code>oauth_consumer_key</code> | <API key> | yes | no | – | An API key is mandatory for data access. You may enclose it by either sending it as Query Parameter or (as mentioned here) in the Request Header. |
|---------------------------------|-----------|-----|----|---|---|

## Authorization

This method needs an API key for authentication (Who are you?) and authorization (What you are authorized to do?). For more information please read the [Authorization How-To](#).

This method is offered over HTTP and HTTP Secure.

## Errors

| Code | Text           | Description   |
|------|----------------|---|
| 403  | Forbidden      | Item is not available via API (items can be blacklisted because of copyright issues)      |
| 404  | Not Found      | Either the item does not exist or has no data.  |
| 406  | Not Acceptable | The Request Header is not acceptable. Please see section <a href="#">Request Header</a> . |
| 500  | Server Error   | Something went terribly wrong. An error message will provide a meaningful description.    |

## Samples

### Request 1

```
GET /items/OAXO2AGT7YH35YYHN3YKBJMEI77W3FF/edm?oauth_consumer_key=abcdefgh12345678
HTTP/1.1
Host: api.deutsche-digitale-bibliothek.de
Accept: application/xml
```

### Response

### Request 2

```
GET /items/OAXO2AGT7YH35YYHN3YKBJMEI77W3FF/edm HTTP/1.1
Host: api.deutsche-digitale-bibliothek.de
Accept: */*
Authorization: OAuth oauth_consumer_key="abcdefgh12345678"
```

### Response

