

da|ra API reference for datacenters, version 1.0 (October 10th, 2012)

This document is proposed for technical audience and users of the API. Basic knowledge of the HTTP-Protocol is required.

Metadata

The uploaded metadata must be conform to the schema specified by `dara.xsd`. All URIs and URLs provided in the metadata must be html encoded to ensure the validity of the XML.

Characters

Our cooperation partner DataCite recommends that only the following characters are used within a DOI name:

- 0-9
- a-z
- A-Z
- - (dash)
- . (dot)
- _ (underscore)
- + (plus)
- : (colon)
- / (slash)

Security

All requests to this system require [HTTP Basic authentication](#) header.

POST

Endpoint URI: <http://www.da-ra.de/dara/study/importXML>

Parameter:

- **registration** (*optional*) Indicates if immediate registration is performed. Possible values are *true* or *false*.

This request stores new version of metadata. The request body must contain valid XML.

POST will create new dataset if specified dataset doesn't exist. This method will attempt to update dataset if you specify existing dataset. If the parameter **registration** set *true* DOI will be minted with the first entry in the `dataURLs` element in the xml given in the request body.

Request headers

Content-Type:application/xml;charset=UTF-8

Request body

UTF-8 encoded metadata

Response body

Empty

Response statuses

201 Created - operation successful, returned if a new dataset created

200 OK - operation successful, returned if an existing dataset updated

400 Bad Request - request body must be valid xml

401 Unauthorized - no or wrong login

500 Internal Server Error - server internal error, try later and if problem persists please contact us