First Steps with DaRUS

The Data Repository of the University of Stuttgart
DaRUS Homepage
https://darus.uni-stuttgart.de

log in with institutional account

full text search in all dataverses

discipline specific filtering

exploring the contents
Log In

After the first login, the local admin(s) can “see” you in the system and give you access to unpublished dataverses and datasets.
Explore DaRUS

direct access to featured Dataverses

full text search

filter results via search facets, configurable by local admin

Dataverse

Dataset

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Explore DaRUS

configure Dataverse (admin)
add Dataverse/-set
sort results
Dataverses and Datasets

- A Dataverse contains other Dataverses or Datasets (Container)
- A Dataset includes metadata and one or several files

Organisation of Dataverses

do not think in folders (Dataverses), but build structure over metadata and then filter → Dataverses important only for rights
Create Dataset over Web Interface
For Files < 2 GB

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Using APIs

Create Dataset via API

Automation

curl -H "X-Dataverse-key: $API_TOKEN" -X POST https://darus.uni-stuttgart.de/api/dataverses/$DV_ALIAS/datasets --upload-file $FILE.json

- $API_TOKEN: Personal API-Token created on the Web-Interface: https://darus.uni-stuttgart.de/dataverseuser.xhtml?selectTab=apiTokenTab
- $DV_ALIAS: Unique ID of the dataverse: Last part of Dataverse-URL
Create Dataset via API

Metadatafile

• $FILE.json: Metadata in JSON-Format
Add Files via API
For Files > 2 GB and < 100 GB

```
curl -H "X-Dataverse-key:$API_TOKEN"
-X POST -F 'file=@$FILENAME'
-F jsonData="{"description":"My description.","directoryLabel":"data/subdir1","categories":["Data"], "restrict":true}" 
https://darus.uni-stuttgart.de/api/datasets/persistentId/add?persistentId=$PERSISTENT_ID
```

- $API_TOKEN: Personal API-Token created on the Web-Interface: [https://darus.uni-stuttgart.de/dataverseuser.xhtml?selectTab=apiTokenTab](https://darus.uni-stuttgart.de/dataverseuser.xhtml?selectTab=apiTokenTab)
- $FILENAME: File to upload
- $Persistent_ID: Unique ID of the Dataset: Last part of Dataset-URL
Getting Help

In that Order, please 😊

- DaRUS FAQ: https://www.izus.uni-stuttgart.de/fokus/darus/
- Is it a bug? https://github.com/TIK-NFL
- Ask your local admin:
  It's the one with the role „DaRUS Admin“ in the Identity Management
- Ask the DaRUS-User-Mailinglist: darus@listserv.uni-stuttgart.de
- Ask the FoKUS-Team: fokus@izus.uni-stuttgart.de