

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

Benützung der CDISC Library API und Browser

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CDISC Library Browser

The screenshot displays the CDISC Library Browser interface. At the top left is the CDISC LIBRARY logo and the text "Data Standards Browser". To the right is a search bar with the placeholder text "Search" and a magnifying glass icon. Further right is the nuROC logo with the tagline "bringing order to clinical data".

The main content area is divided into four sections:

- Data Collection:** Contains five buttons: two blue buttons labeled "CDASH Model v..." and three dark blue buttons labeled "CDASHIG v1.1", "CDASHIG v2.0", and "CDASHIG v2.1".
- Data Tabulation:** Contains two rows of green buttons. The first row includes buttons for "SDTM v1.2" through "SDTM v1.8". The second row includes buttons for "SDTMIG v3.1.2", "SDTMIG v3.1.3", "SDTMIG v3.2", "SDTMIG v3.3", "SDTMIG-AP v1.0", "SDTMIG-MD v1.0", "SDTMIG-MD v1.1", and "SDTMIG-PGx v1...". A third row contains three teal buttons: "SENDIG V3.0", "SENDIG v3.1", and "SENDIG-AR v1.0", followed by a partially visible "SENDIG-DART v..." button.
- Data Analysis:** Contains seven purple buttons labeled "ADaM ADAE v1.0", "ADaM BDS for ...", "ADaM OCCDS v...", "ADaM v2.1", "ADaMIG v1.0", "ADaMIG v1.1", and "ADaMIG v1.2".
- Controlled Terminology:** Shows a row of teal buttons with labels like "CT-2014-02", "CT-2014-04", "CT-2015-01", "CT-2015-02", "CT-2015-03", "CT-2015-04", "CT-2016-01", "CT-2016-02", "CT-2016-03", and "CT-2016-04".

<https://library.cdisc.org/browser/>

CDISC Library API

- Basis: <https://library.cdisc.org/api/>
- Alle Produkte:
<https://library.cdisc.org/api/mdr/products>
- SDTM-IG 3.2
<https://library.cdisc.org/api/mdr/sdtmig/3-2>
- Codelists
<https://library.cdisc.org/api/mdr/products/Terminology>
- ADaM-CT 2015-12-18
<https://library.cdisc.org/api/mdr/ct/packages/adamct-2015-12-18>

CDISC Library API - Beschreibung

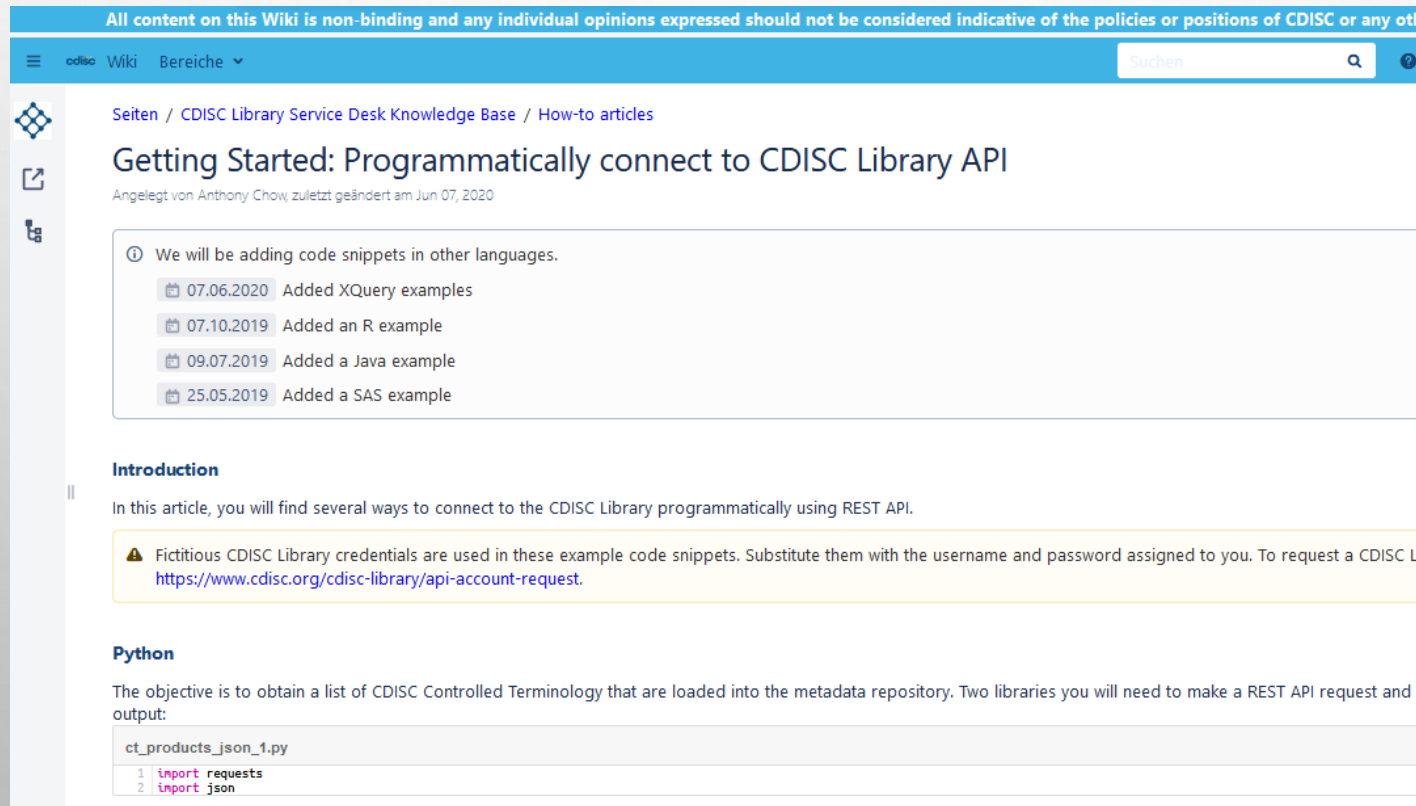
- <https://www.cdisc.org/cdisc-library/api-documentation>

SDTM Implementation Guide (SDTMIG) ▼		
GET	/mdr/sdtmig/{version}	Get SDTMIG Product
GET	/mdr/sdtmig/{version}/classes	Get SDTMIG Class List
GET	/mdr/sdtmig/{version}/classes/{class}	Get SDTMIG Class
GET	/mdr/sdtmig/{version}/classes/{class}/datasets	Get SDTMIG Class Dataset List
GET	/mdr/sdtmig/{version}/datasets	Get SDTMIG Dataset List
GET	/mdr/sdtmig/{version}/datasets/{dataset}	Get SDTMIG Dataset
GET	/mdr/sdtmig/{version}/datasets/{dataset}/variables	Get SDTMIG Dataset Variable List
GET	/mdr/sdtmig/{version}/datasets/{dataset}/variables/{var}	Get SDTMIG Dataset Variable
GET	/mdr/root/sdtmig/datasets/{dataset}/variables/{var}	Get Root SDTMIG Dataset Variable

CDISC Library API Implementierung in Software

- Wiki:

<https://wiki.cdisc.org/display/LIBSUPRT/Getting+Started%3A+Programmatically+connect+to+CDISC+Library+API>



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Getting Started: Programmatically connect to CDISC Library API

Angelegt von Anthony Chow, zuletzt geändert am Jun 07, 2020

We will be adding code snippets in other languages.

- 07.06.2020 Added XQuery examples
- 07.10.2019 Added an R example
- 09.07.2019 Added a Java example
- 25.05.2019 Added a SAS example

Introduction

In this article, you will find several ways to connect to the CDISC Library programmatically using REST API.

Warning: Fictitious CDISC Library credentials are used in these example code snippets. Substitute them with the username and password assigned to you. To request a CDISC Library account, visit <https://www.cdisc.org/cdisc-library/api-account-request>.

Python

The objective is to obtain a list of CDISC Controlled Terminology that are loaded into the metadata repository. Two libraries you will need to make a REST API request and parse the output:

```
ct_products_json_1.py
1 import requests
2 import json
```

Open Source Implementierungen

- Visual Define-XML Editor (Dmitry Kolosov, Parexel):
<https://github.com/defineEditor/editor/>
- GenerateOdmForCdash (Jozef Aerts, XML4Pharma)
Automatische Generierung eCRFs (ODM Format) aus der CDISC Library
<https://bitbucket.cdisc.org/projects/CLIB/repos/generateodmforcdash/browse>
- Smart Submission Dataset Viewer (Jozef Aerts, XML4Pharma)
<https://sourceforge.net/projects/smart-submission-dataset-viewer/>
- Open Rules for Clinical Research Standards (Jozef Aerts, XML4Pharma)
(Validierungsregeln in XQuery)
<https://github.com/JozefAerts/OpenRules4CRStandards/>

Interessante Links

- API Dokumentation:

<https://www.cdisc.org/cdisc-library/api-documentation>

- How-to Wiki:

<https://wiki.cdisc.org/display/LIBSUPRT/Getting+Started%3A+Programmatically+connect+to+CDISC+Library+API>

- LinkedIn Diskussion

<https://www.linkedin.com/groups/12310269/>

- Präsentationen:

- https://www.lexjansen.com/phuse/2019/si/SI01_ppt.pdf

- http://xml4pharma.com/publications/Presentation_CDISC_Library_API_Jozef_Aerts_PhuseConnect_2019.pdf

- <https://www.pharmasug.org/proceedings/tokyo2019/presentations/PharmaSUG-Tokyo-2019-02.pdf>