



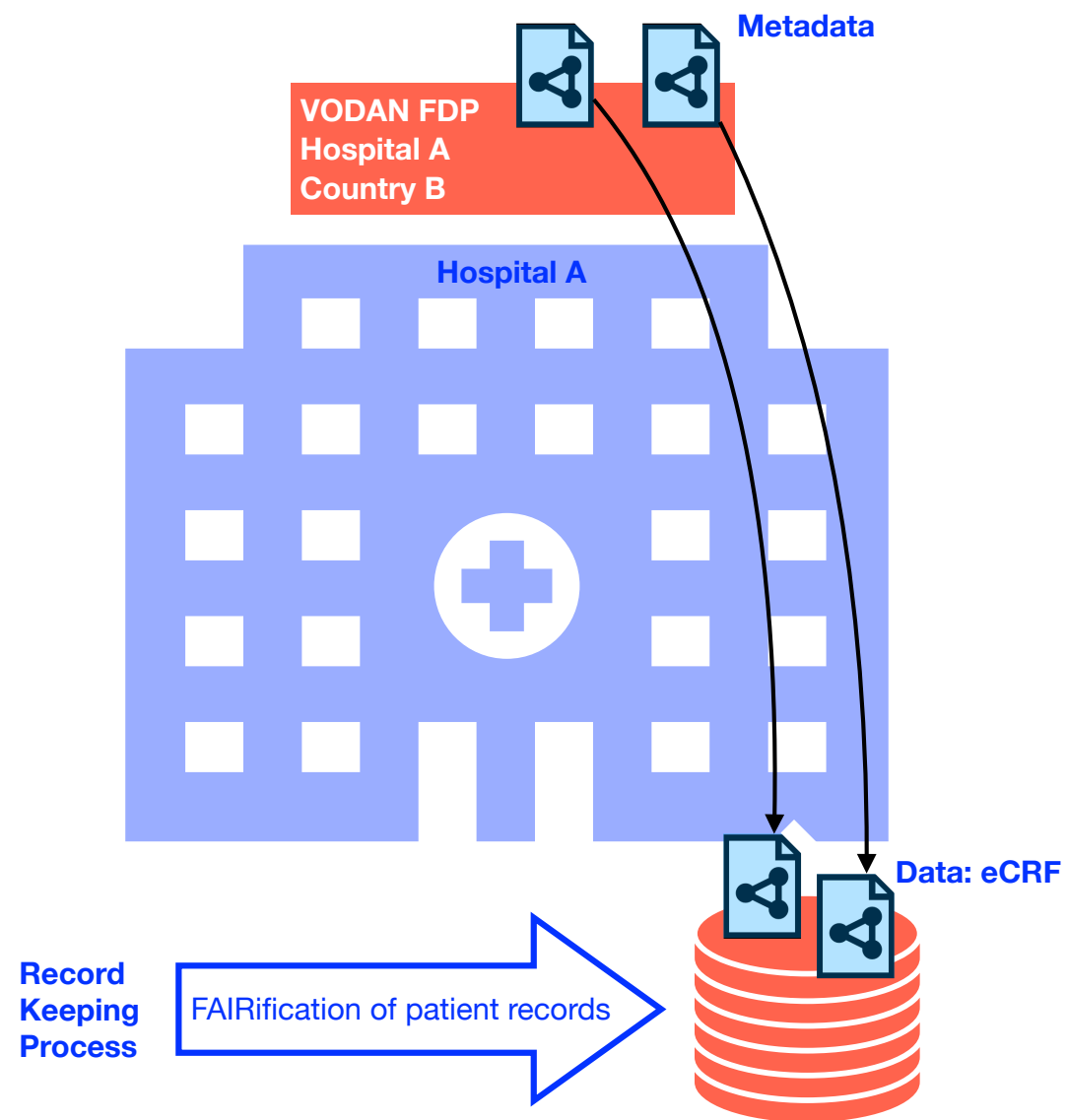
Metadata for Machines Workshop: VODAN Africa

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<https://bit.ly/M4Mhandbook>

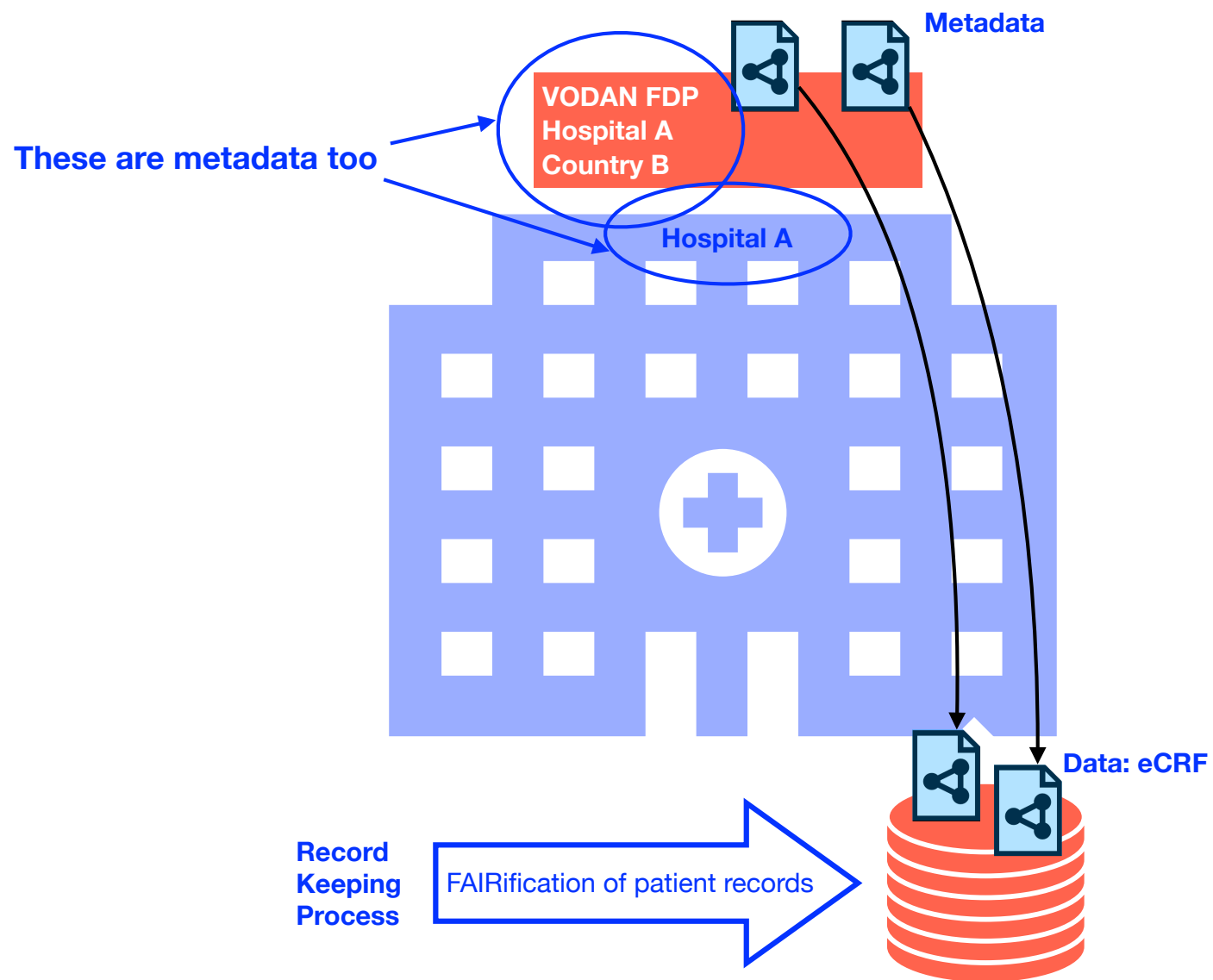
M4M.4.11, July 7, 2020



VODAN FAIR Data Point



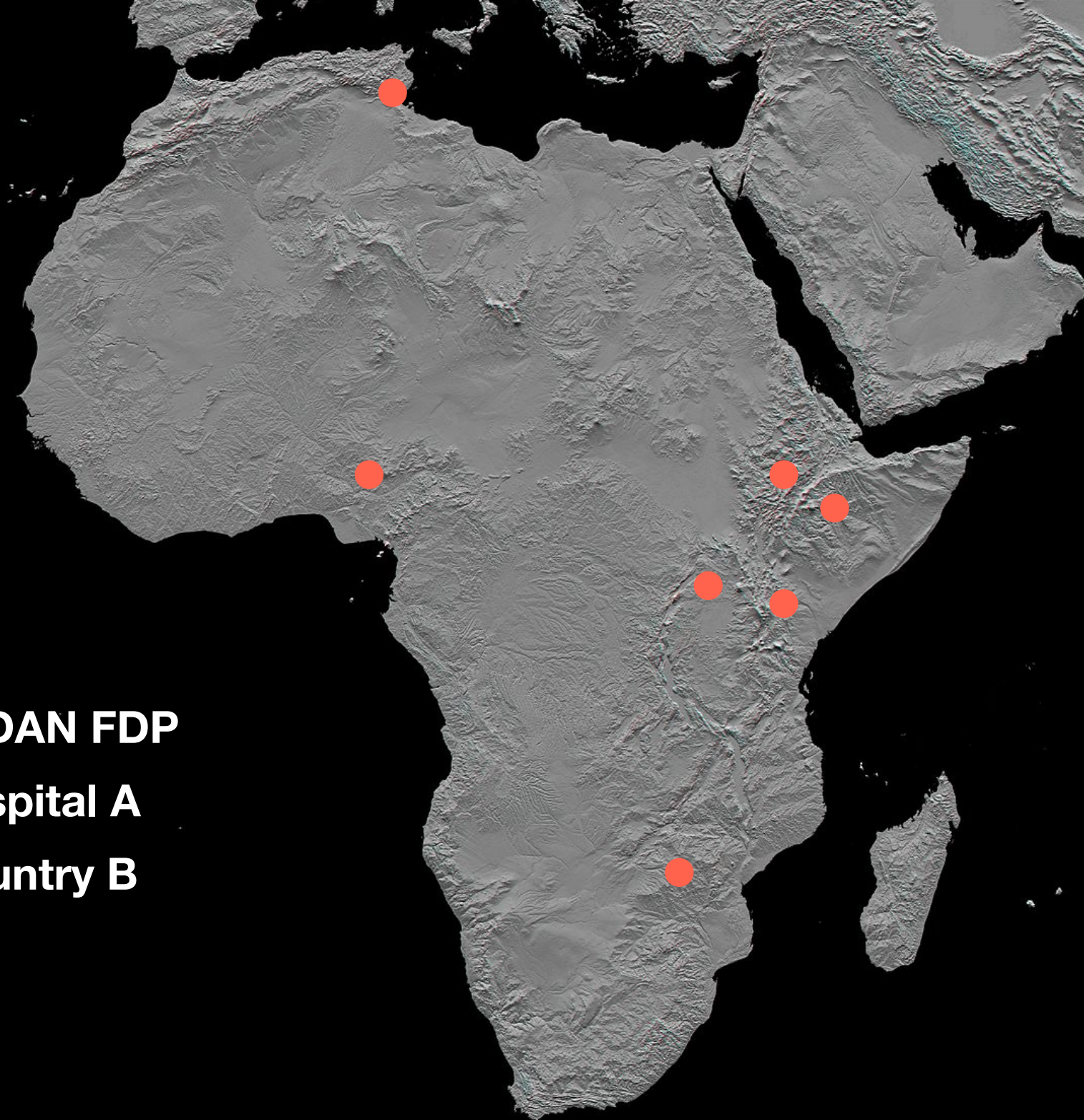
VODAN FAIR Data Point




VODAN FDP

Hospital A

Country B



Configuring the FAIR Data Point

 **FAIR Data Point** ES

Erik's FAIR Data Point

This is a demonstration FDP, especially for M4M Workshops

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Catalog 1

Literal

Issued 29-04-2020 Modified 05-05-2020

Catalog 2

Example data catalog number 2

Issued 05-05-2020 Modified 05-05-2020

My Catalog

Issued 29-04-2020 Modified 29-04-2020

Vojta

Issued 29-04-2020 Modified 29-04-2020

Metadata Issued
24-04-2020

Metadata Modified
05-05-2020

Version
1.0

License
cc-by-nc-nd3.0


Specification
fdpMetadata

Language
en

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- VODAN
- Country

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- **Catalog**
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- **Dataset**
- eCRF

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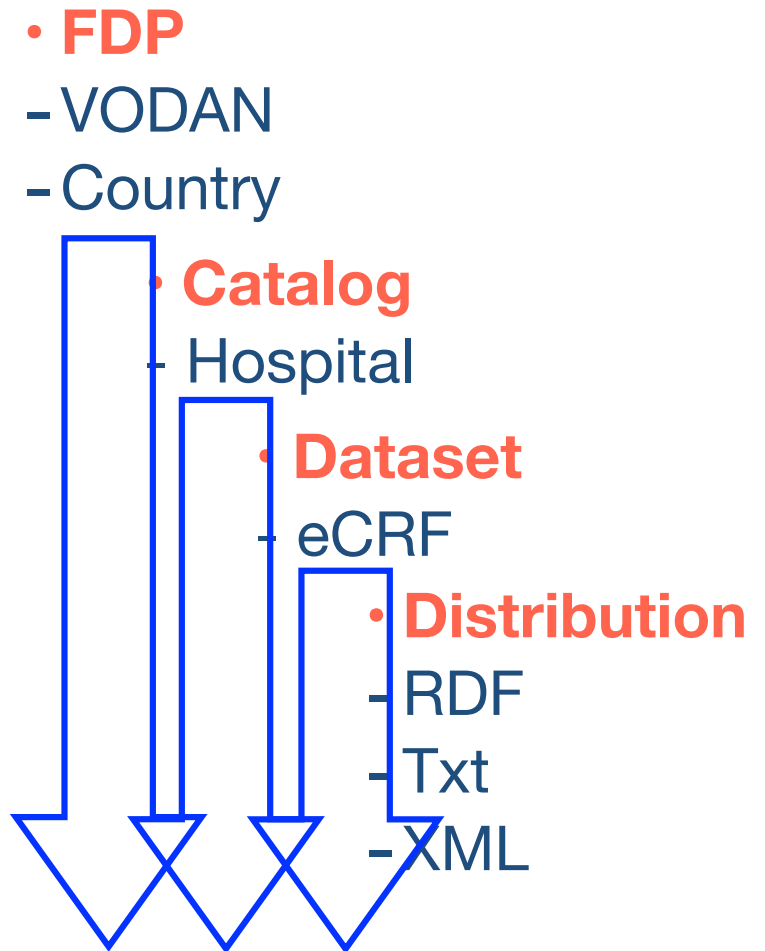
Version: 1.0

License: [cc-by-nc-nd3.0](#)

Specification: [fdpMetadata](#)

Language: [en](#)

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Low-level inherits the higher level metadata

Homework

VODAN Africa M4M: Scoping Exercise

<https://bit.ly/M4MScopingExercise> under the tab “FDP Deployment Teams”

Country lead & Tech leads, to be completed by Thursday:

- 1) Try to complete all 32 questions in the spreadsheet.
- 2) If you do not understand the question, just say so.
- 3) Give your answer in human language if you like (no need for code or URLs at this point).
- 4) Collaborate/coordinate with others in your team or with other teams as much as you like.
- 5) We will review answers on Friday and discuss next Tuesday.

KIU FAIR Data Point

	FDP (9 components)	
1	Title	KIU FAIR Data Point
2	Description	This FAIR Data Point contains the metadata of datasets and other artefacts
3	Publisher	KIU
4	Version	1
5	Language	http://id.loc.gov/vocabulary/iso639-1/en
6	License	http://rdjlicense.appspot.com/rdjlicense/cc-by-nc-nd4.0
7	Start date	3rd June, 2020
8	Last update	-
9	Institution country	https://www.wikidata.org/wiki/Q1036

KIU FAIR Data Point

Catalog metadata (5 components)		
1	Title	your answer here
2	Description	your answer here
3	Publisher	KIU
4	Version	1
5	Language	http://id.loc.gov/vocabulary/iso639-1/en

KIU FAIR Data Point

	Dataset metadata (12 components)	
1	Title	-
2	Description	-
3	Publisher	KIU
4	Version	-
5	Language	http://id.loc.gov/vocabulary/iso639-1/en
6	License	-
7	Issued	-
8	Modified	-
9	Keywords	-
10	Theme	-
11	Contact point	-
12	Landing page	-

KIU FAIR Data Point

	Distribution Metadata (10 components)	
1	Title	-
2	Description	-
3	License	-
4	Issued	-
5	Modified	-
6	Download URL	-
7	Access URL	-
8	Media Type	https://w3id.org/mediatype/text/turtle
9	Format	-
10	Byte Size	-

Next Steps

- 1) **VODAN Africa agreement on FDP metadata (VODAN African Foundation?)**
- 2) **Try to configure your FDP with the agreed upon VODAN Africa metadata.**
- 3) **If needed, we can do a webinar where we are guided in the configuration.**

	Repository metadata (9 components)
1	Title: Give a title, or name, of the FAIR Data Point. Ex.: VODAN FAIR Data Point, KIU FAIR Data Point, LUMC FAIR Data Point
2	Description: A textual description of the FAIR Data Point explaining its purpose, the context, etc. E.g., "This FAIR Data Point contains the metadata of datasets and other artefacts related to the COVID-19 pandemic in hospital ACME".
3	Publisher: The person or organization responsible for the FAIR Data Point. E.g., Hospital A, University B, etc.
4	Version: The version of this deployment of the FAIR Data Point. E.g., 1.0
5	Language The URI of the main language of this FAIR Data Point according to ISO 639-1. E.g: http://id.loc.gov/vocabulary/iso639-1/en , http://id.loc.gov/vocabulary/iso639-1/fr
6	License The URI of the usage license for the FAIR Data Point. Notice that this license does not need to be the same of the datasets' licenses. This is for the usage of the FAIR Data Point as a metadata provisioning service. E.g., http://rdjlicense.appspot.com/rdjlicense/cc-by-nc-nd4.0
7	Start date The date when the FDP started operating. MM DD YYYY X/Y/ 2020
8	Last update The date when the FDP was last updated operating. MM DD YYYY X/Y/ 2020
9	Institution country: The URI of the country of origin of the institution responsible for the FDP. E.g., https://www.wikidata.org/entity/Q55 (URI for The Netherlands in WikiData), https://www.omg.org/spec/LCC/Countries/ISO3166-1-CountryCodes/Netherlands (URI for The Netherlands in ISO 3166-1 Country Codes Ontology).

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	Catalog metadata (5 components)
1	Title: Give a title, or name, of the Catalog. Ex.: COVID-19 CRFs; Virus Sequence Data; Refugee Interviews
2	Description: A textual description of the catalog. E.g., "This catalog contains patient CRFs following the WHO standard".
3	Publisher: The publisher (person or organization) responsible for this catalog. E.g., Hospital A, University B, etc.
4	Version: The version of this catalog. E.g., 1.0
5	Language: The URI of the main language used in this catalog according to ISO 639-1. E.g: http://id.loc.gov/vocabulary/iso639-1/en , http://id.loc.gov/vocabulary/iso639-1/fr

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Dataset metadata (12 components)	
1	Title: Title, or name, of the dataset. Ex.: Clinical trial dataset, COVID-19 WHO CRF dataset, etc
2	Description: A textual description of the dataset. E.g., "This dataset is the COVID-19 WHO case report form data for hospital X."
3	Publisher: The publisher (person or organization) responsible for this dataset. E.g., Hospital A, University B, etc.
4	Version: The version of this dataset. E.g., 1.0
5	Language: The URI of the main language used in this dataset according to ISO 639-1. E.g: http://id.loc.gov/vocabulary/iso639-1/en , http://id.loc.gov/vocabulary/iso639-1/fr
6	License: The URI of the usage license for the dataset. E.g., http://rdlicense.appspot.com/rdlicense/cc-by-nc-nd4.0
7	Issued The date when the dataset was first issued. MM DD YYYY X/Y/ 202
8	Modified The date when the dataset was last modified. MM DD YYYY X/Y/ 2020
9	Keywords: List of terms related to the dataset. These keywords/terms give hints for the human user on what the dataset is about. The machine equivalent of keyword is theme.
10	Theme: URIs of concepts related to the dataset. These URIs give hints for the machine user - the artificial agents - on what the dataset is about. The human equivalent of theme is keyword.
11	Contact point: The URI representing a contact point to get more information about the dataset
12	Landing page: The URI of the landing page (if other than the FDP Client) of the dataset

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	Distribution Metadata (10 components, technical description of the digital representation of the dataset)
1	Title: Title, or name, of the distribution. Ex.: COVID-19 WHO CRF dataset in RDF, Interview document in txt, temperature in XML, etc
2	Description: A textual description of the distribution. E.g., "The RDF distribution of the COVID-19 WHO case report form data for hospital X."
3	License: The URI of the usage license for the distribution. E.g., http://rdVicense.appspot.com/rdVicense/cc-by-nc-nd4.0
4	Issued The date when the distribution was first issued. MM DD YYYY X/Y/ 2020
5	Modified The date when the distribution was last modified. MM DD YYYY X/Y/ 2020
6	Download URL: The URL to download the file. Only use this if there is a file to be downloaded.
7	Access URL: A URL of the resource that gives access to a distribution of the dataset. E.g. landing page, feed, SPARQL endpoint.
8	Media Type: The media type of the distribution as defined by IANA [https://www.w3.org/TR/vocab-dcat-2/#bib-iana-media-types].
9	Format: The file format of the distribution
10	Byte Size: The size of a distribution in bytes

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Homework

VODAN Africa M4M: Scoping Exercise

<https://bit.ly/M4MScopingExercise> under the tab “FDP Deployment Teams”



VODAN Africa M4M: Scoping Exercise



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[illegible]

VODAN FDP Reference

WHO COVID-19 CRF, and rendered this in the RDF language.

- <http://bioportal.bioontology.org/ontologies/COVIDCRFRAPID>

VODAN FAIR Data Point “in-a-box”. This is an Open Source Dockerized server application that launches a FAIR Data point and contains the semantically enabled CRF.

- FAIRDataPoint-Spec <https://github.com/DTL-FAIRData/FAIRDataPoint-Spec/>
- FAIR Data Point metadata specification <https://github.com/FAIRDataTeam/FAIRDataPoint-Spec/blob/master/spec.md>
- FAIR Data Point Registry <https://home.fairdatapoint.org>
- Video: Introduction to the FAIR Data Point https://www.youtube.com/watch?v=PtS_ek7BXSA&feature=youtu.be
- Video: How to deploy a FAIR Data Point in your local computer https://www.youtube.com/watch?v=rN_IVwppL_E
- Video: FAIR Data Point production deployment demonstration <https://www.youtube.com/watch?v=JqZm8dha1PY&feature=youtu.be>