LINKED OPEN DATA FOR SDGs @ UNSD

April 15, 2019

SZYMON KLARMAN

01/02/2019

1st deliverable
15/04/2019

2nd deliverable
30/06/2019

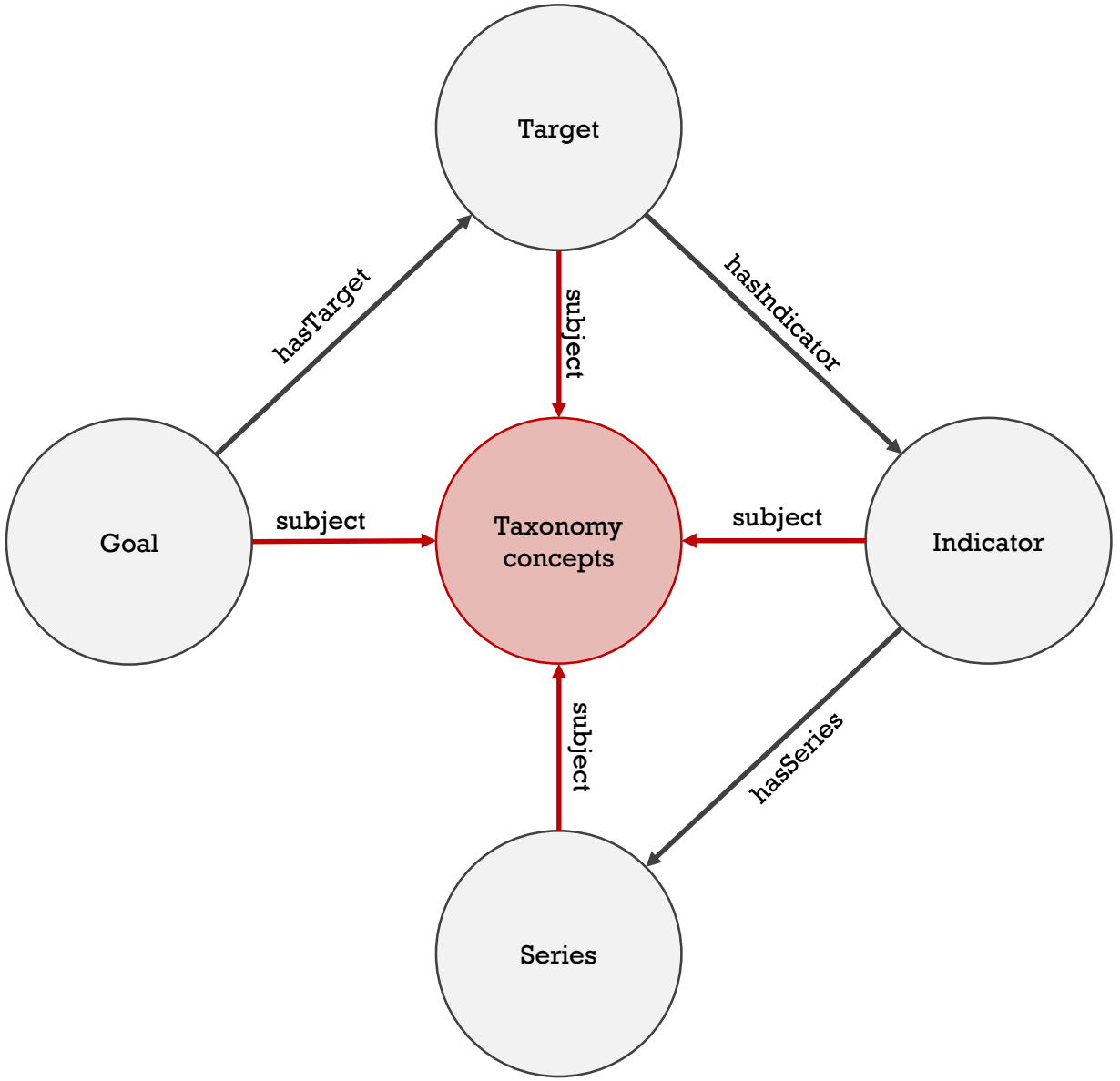
3rd deliverable
30/09/2019

CONTEXT

- UN DESA Division for Sustainable Development Goals
- UN Statistics Division
- EU grant: "SD2015: delivering on the promise of the SDGs"
- PMs: Luis Gerardo Gonzalez Morales & Naiara Costa

GOALS

Develop **guidelines to improve the visibility**, **interoperability** and **usability** of supplementary sources of **data on sustainable development** to complement the work of national statistical offices.



sameAs → SDG Interface Ontology, Wikidata, …

subject → UN-BIS, EuroVoc, …

Resolvable URIs for resource dereferencing

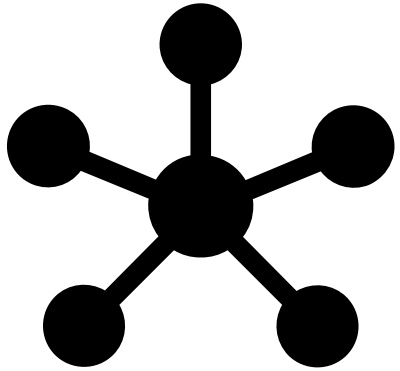
Json-LD APIs & search endpoints

SDG Ontology / Taxonomy

Make SDG datasets discoverable on the web

Make statistical data machine-understandable

Link digital documents to datasets



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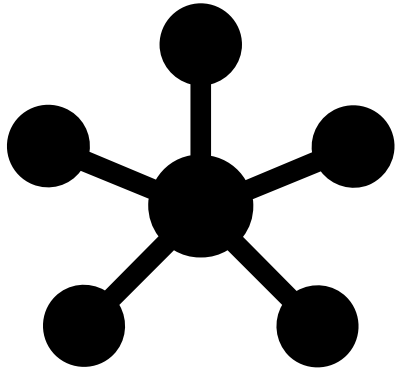


SDG Ontology / Taxonomy

Metadata description:

- schema.org / DCAT vocabulary
- CSV for the Web

- title
- keywords
- version / identifier / url
- creator
- download files
- spatial & temporal coverage

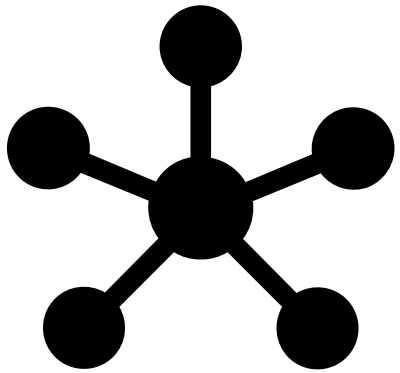
Json-LD APIs & search endpoints

HTML-embedded structured data for advertising on the Web

Make SDG datasets discoverable on the web

Make statistical data machine-understandable

Link digital documents to datasets



SDG Ontology / Taxonomy

Linked Open Statistical Data :

- RDF Data Cube Vocabulary
- identifiers for dimensions, slices, observations, units, etc…

Json-LD APIs & search endpoints

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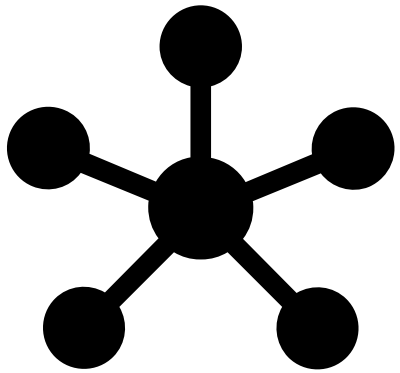

SDG Ontology / Taxonomy

Concept extraction

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Documentation:

https://github.com/UNStats/LOD4Stats

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