Food and Agriculture Organization
of the United Nations

>> FAO Statistics Division

Caliper

Collaboration to Improve the Interoperability of Statistical Classifications Caterina Caracciolo, Carola Fabi

3rd Webinar of the International Statistical Classifications Sprint
"Statistical Classifications: a Foundational Block for Data Integration"
31 January 2024

Today

1. Overview of Caliper

2. Ongoing work

3. Caliper on the Global Platform

Caliper today

The FAO dissemination service for statistical classifications
https://www.fao.org/statistics/caliper/

A suite of tools and methodologies aimed at improving the interoperability of statistical classifications and, ultimately, the quality and timeliness of statistical data
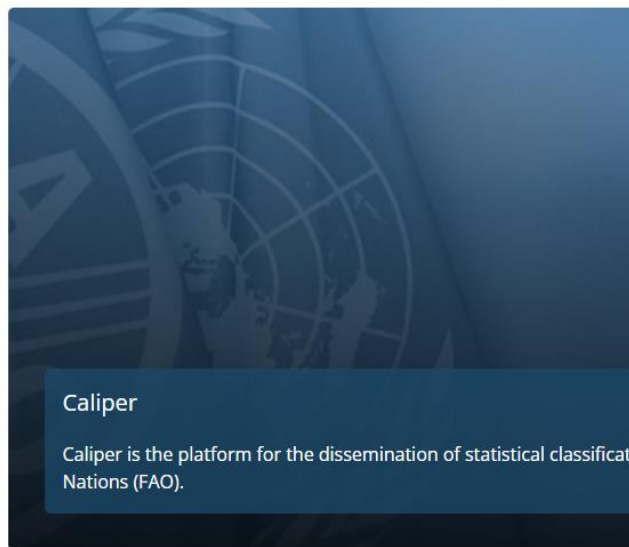
Inspiring principles:
FAIR (meta)data!

classifications as public goods

Caliper website   https://www.fao.org/statistics/caliper/

Highlight #1 – Information at your fingertips

Highlight #2 – Machine processing

- Standard formats

- List all items in a given classification (with code, EN label, URI; sorted by code)

- Download

- Online queries

Highlight #2 – Machine processing

- Standard formats

- Download

- Online queries

Highlight #3 – clarity behind the scenes

- Globally unique identifiers (for classifications and items)

0111

0111: Growing of cereals (except r...   https://unstats.un.org/classifications/ISIC/rev4/0111

0111: Wheat (en)   https://unstats.un.org/classifications/CPC/v2.1/0111
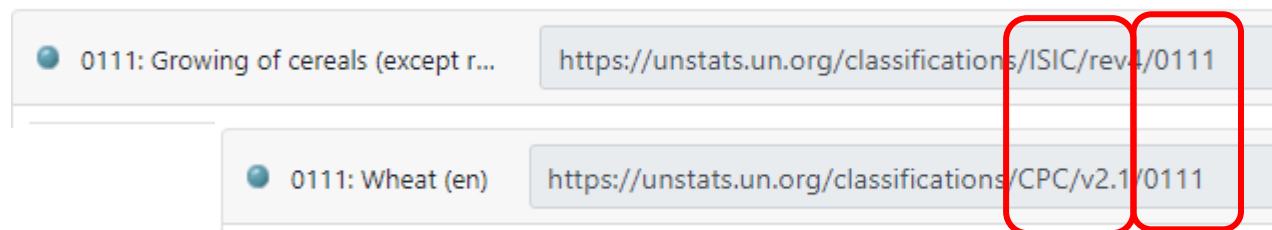
- Standard Metadata scheme

Dublin Core Elements

Rights	Contributor	Creator
Subject	Coverage	Title
Publisher	Identifier	Description
Type	Date	Source
Relation	Format	Language
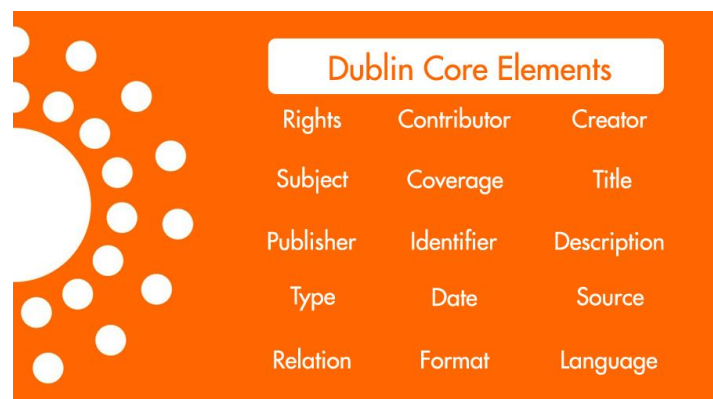
- Documentation

Ongoing work

Caliper on the UN Global Platform for maintenance and dissemination of international classifications

Optimize resources, offer better services

Caliper on the FAO internal network to support FAO statistical systems - Considered as next MDM

Have a flexible tool, friendly to different user profiles & roles

Pillars of the collaboration on the Global Platform

Custodians:

Benefit from common infrastructure for modelling, querying, editing

Keep control on their data and editorial workflow (within an agreed governance)

Control on (meta)data

https://stats.fao.org/classifications/

http://unstats.un.org/classifications/

https://myurl.org/classifications/

Editorial workflows

Resulting from the combination of :

- User rights (e.g., edit, validate, publish)

- Status of edited element

Each custodian defines its own workflow

| Draft | → | Validate | → | Publish |

| Draft | → | Translate | → | Validate | → | Publish |
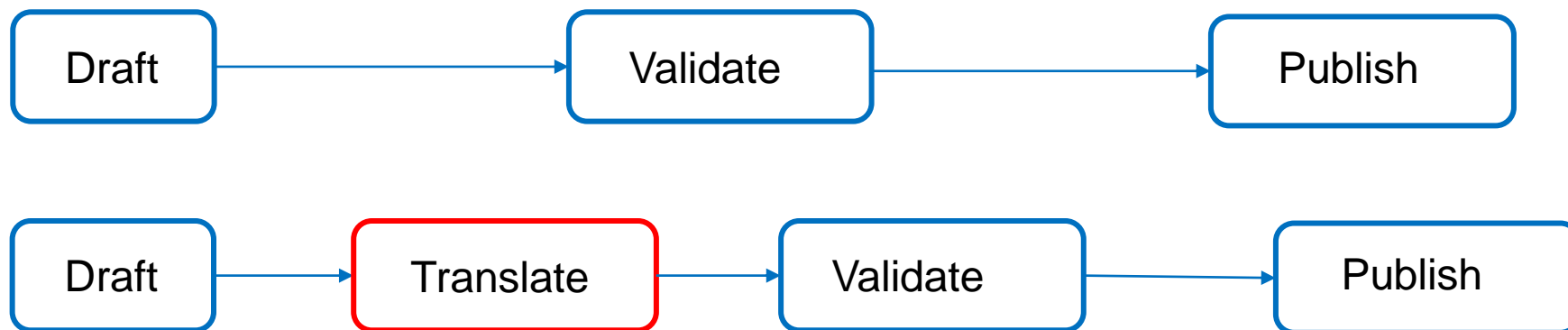
Governance

Different roles and competencies involved:

- Partner custodians to agree on content and functionalities

- Classifications experts to work on content

- A technical team, possibly distributed, taking care modelling, data conversion, functionalities, support to editors, …

Thank you!

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- FAO statistics
  https://www.fao.org/statistics/en/

- International Family of Classification
  https://unstats.un.org/unsd/classifications/family/