

Factsheet – Luxembourg Shared Authority File

What

The Luxembourg Competency Network on Digital Cultural Heritage is developing a Shared Authority File, to combine the knowledge from national heritage institutions and to increase the impact of the member institutions' digitised collections.

The ambition of the Luxembourg Shared Authority File (SAF) is to create and maintain an authority file for:

- persons,
- corporate bodies,
- conferences and events,
- geographical areas,
- technical terms and work titles.

The data of the authority file uses a custom developed [CIDOC-CRM](#) RDF/XML data model.

Who

The Luxembourg Competency Network on Digital Cultural Heritage consists of:

- [The Ministry of Culture](#),
- [Archives nationales de Luxembourg](#) (ANLux),
- [Bibliothèque nationale du Luxembourg](#) (BnL),
- [Centre national de l'audiovisuel](#) (CNA),
- [Centre national de littérature](#) (CNL),
- [Centre national de recherche archéologique](#) (CNRA),
- [Musée national d'histoire et d'art](#) (MNHA),
- [Musée national d'histoire naturelle](#) (MNHN),
- [Services de sites et monuments nationaux](#) (SSMN).

The authority file is developed with the help of [IP Squared](#), and [Digitaal Werktuig](#) (Project Coordination), [Micelio](#), [Professional.wiki](#), and [TenTwentyFour](#) (developers)

Where

The Shared Authority File uses the open source product [Wikibase](#) as its main data store and internal user interface.

It will use [persist.lu](#) as a provider for persistent identifiers (ARKs) for any publicly available data.

Wikibase contains a datetime representation based on [ISO 8601:2004](#). The project extended the Wikibase software that includes [ISO 8601:2019](#), and their extensions. This resulted in two open source products. A [library](#) for the validation and humanisation of EDTF dates in PHP, and an [extension](#) to WikiBase to use this library. Both are available as open source software for all to use and improve. The humanisation is translated in various languages using [Translate.wiki](#).

When

The first modality (natural persons) will be realised by September 2021. After this our roadmap contains creating a public portal on top of the Authority File, and expanding the modalities that the Authority File will cover.

More information

Contact [Marianne Backes](#) (Ministry of Culture) for more information about this project.