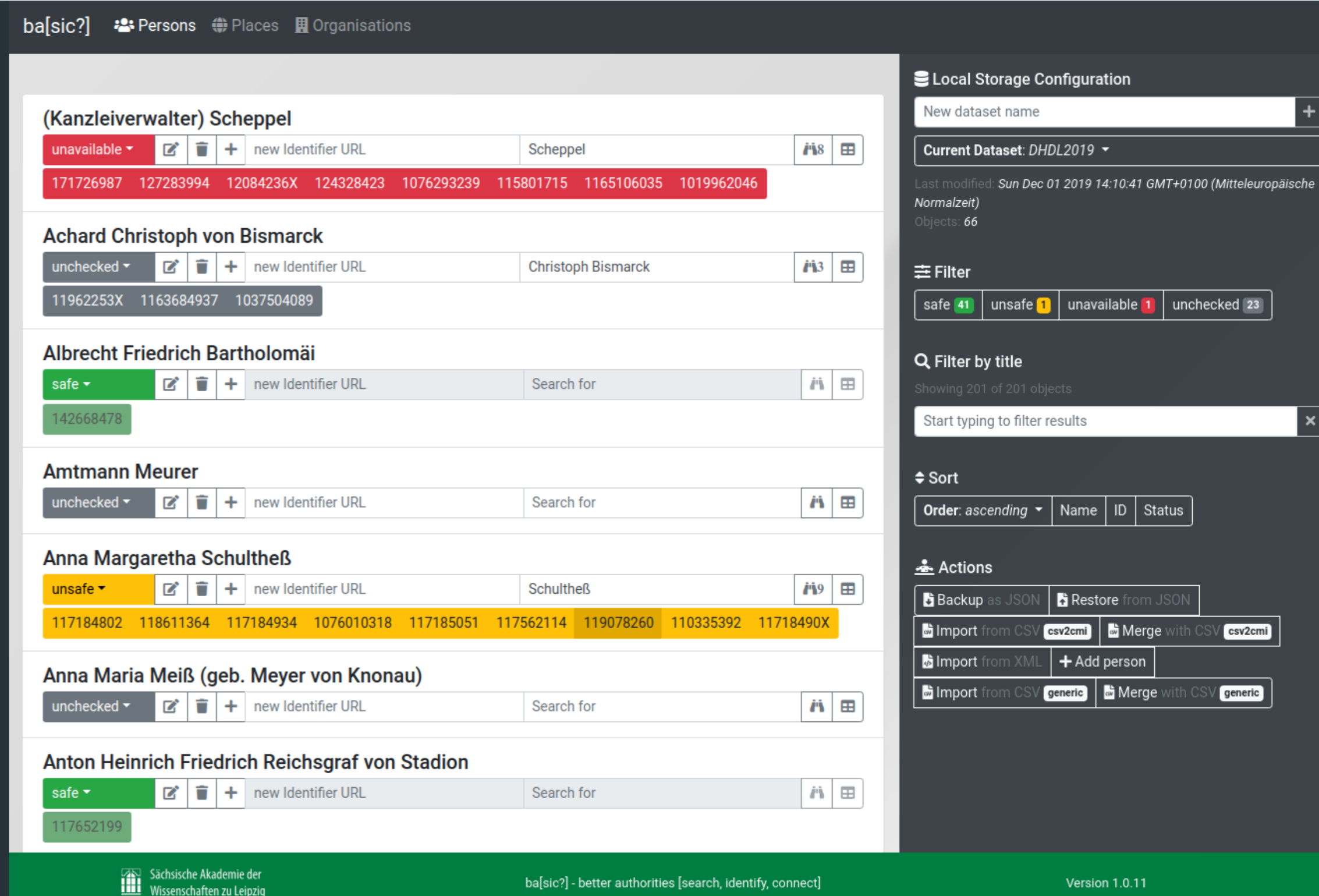# BA[SIC?] - BETTER AUTHORITIES [SEARCH, IDENTIFY, CONNECT]

ba[sic?] is a tool for searching, identifying and connecting named entities with authority data. Currently persistent identifiers from the GND (persons, organisations) and Geonames.org (places) are supported.

The main goal of this tool is to give an instance of quality assurance to the process of connecting own data with authority data. This is done by adding a configurable status attribute (e.g. unsafe, unavailable, etc.) and the possibility to set a preferred linked dataset from a list of possible matching datasets.

The tool is facing the problem of fast and comfortable identification of the correct corresponding authority data, if it already exist. Therefor it provides a name based search interfaces to quickly get a list of possible matching datasets and a view for easy comparing the properties of the different results and finally choose and set the preferred one.

The application is highly configurable through one central config file and therefor adjustable to your individual requirements (data model and mapping, workflow states, map provider, branding and so on)

backup share reuse

Merge your app data into any local CSV file by mapping columns to attributes (**generic**) or use special dialect **csv2cmi**.

Backup all your app data in a single JSON file.

The default storage connector uses the LocalStorage of your browser and device. Your data isn't transferred over or stored somewhere in the internet.

There is a second storage connector implemented, which works with a XML-based REST-API and thus enables storage in a database, e.g. eXist-DB.

Connect the final matching candidate, if it exists, by setting them as **preferred identifier**.

Finish your work on an entity by updating the wokflow state. The **workflow state** is a statement about the external identifier.

Preconfigured states are unchecked, unsafe, safe and unavailable.

Import or add names and identifiers (local and authority) from XML files.

Import or add from any CSV file by mapping columns to attributes (**generic**) or use special dialect **csv2cmi**.

Import or add from previous JSON backup file.

Add and edit your entity data form-based. Form fields are based on the configured data model.

The name based search for existing authority data is realized via the **VIAF-Autosuggest-API** (persons and organizations) and via the **GEONAMES-API** (places).

If there are search results with supported identifiers (GND-ID, Geonames-ID), those identifiers are added to the local object as **possible candidates of matching authority data**.

Only the found persistent identifiers are stored in the application.

Persons

Organisations

Places

Identifying the correct corresponding authority dataset could be done within a comfortable tabular view, which allows fast overview, comparison and reorganization of the candidates.

All shown **authority data is live requested** via REST-APIs from culturegraph.org or geonames.org and **mapped to the local configured data model**.

Also links to **additional external resources** are requested via the beacon.findbuch.de-API and added to the compare-view, which allows further detailed research in cases more disambiguation is relevant.

Try the demo instance at
https://basicdemo.saw-leipzig.de/

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Get the code at
https://github.com/saw-leipzig/basic.app