

Entity Templates

An entity describes a digital objects managed and described within the system (e.g., datasets, publications, GIS-data, observations, ...). Each entity relates to a certain general type which defines the available functions around it and in which context/module it can be used.

Entity templates define all the related settings for a certain defined type of digital object. They are not only used for creation, but also for all settings/constraints needed later for view and edit. It stays together with the datasets, which allow also changes later. Based on the given name the user has to select one during dataset creation.

An entity template

- must have a name
- must relate to one type
- must have a description
- must have a selected metadata schema
- can have required fields (e.g., title, description, ...)
- can allow saving with empty fields
- can allow/disallow to have a data structure
- can restrict the usage of a certain set of data structures
- can set full permissions per default to a list of selected permission groups
- can set notifications per default to a list of selected permission groups
- can disable dataset components (e.g., attachment, links, file upload, ...)
- can restrict the allowed file types for upload

The screenshot shows a web form for configuring an Entity Template. The form is divided into several sections:

- Template Name:** A text input field containing "File".
- Entity Type:** A dropdown menu set to "Dataset".
- Description:** A text area containing "Upload files without data structure." with a green icon.
- Metadata:**
 - Metadata Schema:** A dropdown menu set to "Basic ABCD".
 - Required Fields:** A list of fields including "Title" and "Description", each with a close button (X).
 - Allow saving with empty required fields:** A toggle switch that is currently off.
- Data Structure:**
 - Allow to use data structures:** A toggle switch that is currently off.
 - Limit the selection of allowed data structures:** A dropdown menu set to "-- Please select --".
- Administration:**
 - Set full permissions per default to the following groups:** A dropdown menu set to "-- Please select --".
 - Send notifications per default to the following groups:** A dropdown menu set to "-- Please select --".
- Dataset Settings:**
 - Disable dataset components:** A dropdown menu set to "-- Please select --".
 - Restrict allowed file types for file upload:** A dropdown menu set to "-- Please select --".

At the bottom right, there are two buttons: a yellow "X" button and a green "Save" button.