



User Guide
for
smartEditor
version 1.0

Revision History

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1 Introduction

Smart Editor is a web editor integrating both the INSPIRE metadata publication queryables for services, series, and data and the ISO 9139 metadata implementation of ISO 19115 and ISO 19119 as well.

This document describes the general usage of smartEditor and shows some important metadata elements to be edited.

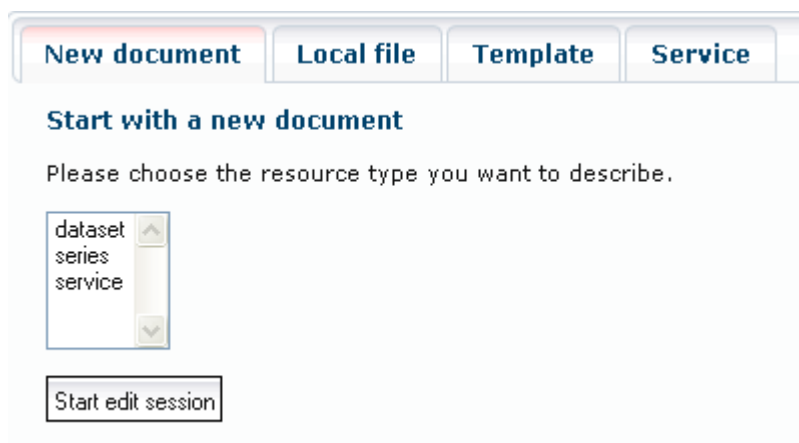
1.1 Starting smartEditor

After typing `http://[host]/smartEditor` into your browser the application welcomes you with the main start page.

1.1.1 Create New Document

Use the New Document function to open a new metadata document.

It is possible to create metadata entries for datasets, series, and services. Select a resource type and start editing with a new document. The available metadata elements in the editor are depending on the choice of resource.



The screenshot shows the 'Start with a new document' section of the Smart Editor interface. At the top, there are four tabs: 'New document' (which is highlighted), 'Local file', 'Template', and 'Service'. Below the tabs, the text reads 'Start with a new document' followed by 'Please choose the resource type you want to describe.' A dropdown menu is open, showing three options: 'dataset', 'series', and 'service'. Below the dropdown is a button labeled 'Start edit session'.

1.1.2 Edit local file

It is possible to open a previously created metadata document with the Smart Editor and to continue editing it. Select the locally available XML file and start the editor. If necessary you can use a stylesheet from the list to transform the metadata into INSPIRE compliant metadata.

New document **Local file** **Template** **Service**

Start with a local file

Enter the path to a local ISO 19139 XML file to start the session.

Selection

Stylesheet (optional) -- Please choose --

If the XML-file is a compliant metadata document, no stylesheet is required.

1.1.3 Use a template to create a document

It is possible to create and save metadata templates for use with the Smart Editor. All templates that are available for use will be displayed in a list.

New document **Local file** **Template** **Service**

Start with a template

Please choose a template from the list below to start the session.

Select

- template no.1
- template no.2

Select a template from the list to open the editor, or highlight a template and delete it.

Note: New templates are created in the editor environment. Run Smart Editor and enter all the parameters for your template. Then select "Create Template". The title of the metadata is used as the name of the template.

Tip: Templates have the advantage that input values can be pre-defined, which means that you can suggest values, such as contact data. This minimises the work involved in collecting metadata.

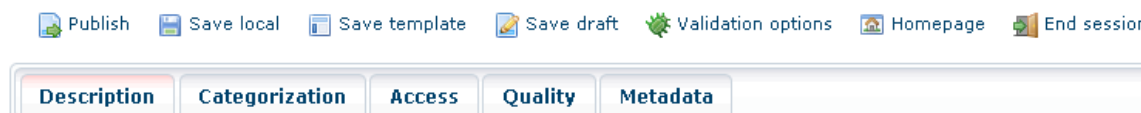
1.1.4 Create Service Metadata (Capabilities Query)

Using Smart Editor, it is a simple matter to record service metadata of INSPIRE services.

Enter the URL of the service and start Smart Editor.

2 Editing Metadata

After Smart Editor has been opened, it is possible to begin entering the metadata into the user screen. The metadata elements have a similar structure to the detailed metadata view.



2.1 Basic application functions

In addition, seven basic functions are made available above the tabulators.

2.1.1 Publish



Publish

Publish metadata

You have completed the process of recording a metadata entry and wish to publish it. Click Publish and select the protection level (visibility status) for publishing.

This function is also used for determining the validation state. If the metadata entry is valid, the Select Status dialogue is displayed.

After clicking on "Publish it" smartEditor sends the metadata via an CSW transactional Request to the configured CSW endpoint. Then smartEditor gives you notice about the response of the CSW request:


Publishing completed

The metadata record was published successfully. The catalog service gave the following response:

Metadata identifiers included in transaction:

Transactions:

Inserted:0
Deleted:0
Updated:1

 [Homepage](#)

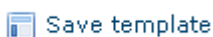
2.1.2 Save Local



Save metadata locally in XML format

This function is for exporting all the current entries from the user screen into an XML file, which is then saved locally.

2.1.3 Save template



Save template

Click on this icon to create or update a template. The current status (filling rate) is adopted by the template. The name of the template corresponds with the title of the metadata.

Note: Please do not use any special characters in template titles.

2.1.4 Save draft



Save draft

The current work status is saved as a draft. This can be completed, updated and published at a later date.

Note 1: It is not necessary for a draft to be valid, but at least one metadata title needs to be entered. This corresponds with the name of the draft in the Start with Draft list.

Note 2: A draft is only visible to the person who created it.

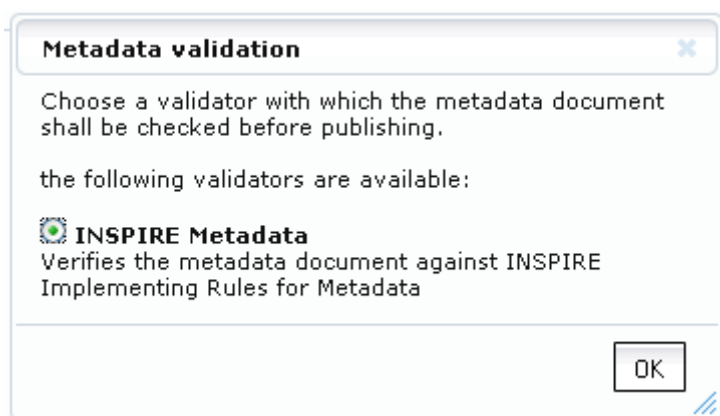
2.1.5 Validation options



Choose a validator

The INSPIRE validation is activated:

INSPIRE validation (includes ISO validation)



Important note: For validation click on Publish to query the current validation state of the metadata entries. The validation reports are displayed above the tabbed display.

2.1.6 Homepage

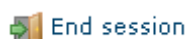


Homepage

Show start up page of smartEditor

This exits the metadata recording screen and displays the start up page of smartEditor.

2.1.7 End session



End session

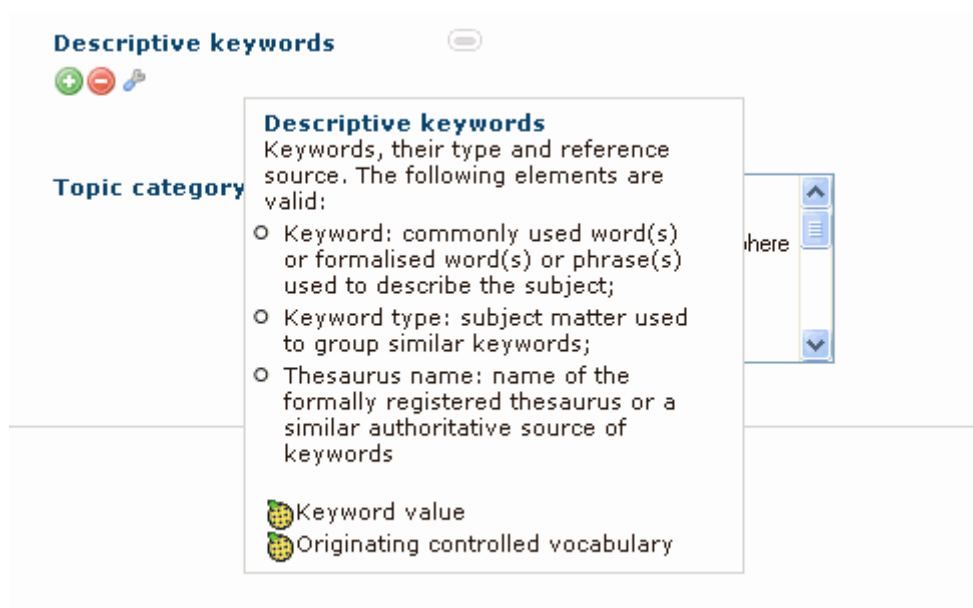
Stop the current editing session

The editing process is cancelled, any changes are lost, and an enquiry is displayed as to whether the Editor should be closed.

Note: When closing the editor or ending an editing session, a message is displayed saying that all changes will be lost if you close the editor.

2.2 Tooltips


Do you require an explanation for a metadata element? Then hold down the Alt key and move the mouse cursor to the name of the element. An explanation is then displayed. This tooltip consists of a description and the ISO element name.




2.3 Editing

Initially, a few metadata elements may be either filled or empty, as determined by the administrator. Accordingly, input interfaces have already been generated for some metadata elements. The following three buttons are used for adding, deleting or editing input interfaces:



To collect new metadata elements, click on the respective  symbol. The interface is reloaded and a new input tab is displayed for that metadata element.

To delete an element, highlight the desired entry and click on the  symbol.

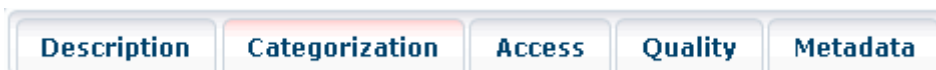
The purpose of the tool symbol  is to provide support in entering data. A relevant input help is displayed, depending on the metadata element; for the hierarchy level this can be the category tree, for keywords it can be the GEMET browser, or for primary metadata, a search.

2.3.1 Description



Record the metadata elements used in the description of the geo-resource. You can display tooltips for any metadata element. Hold down the Alt key and move the mouse cursor onto the element name.

2.3.2 Categorization



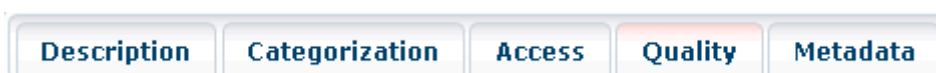
Record the metadata elements used for the thematic or hierarchical categorisation of the geo-resource.

2.3.3 Access



Record the information for accessing the resource.

2.3.4 Quality



Record quality information for the resource and INSPIRE conformity information.

2.3.5 Metadata



Record the descriptive information for this metadata entry.

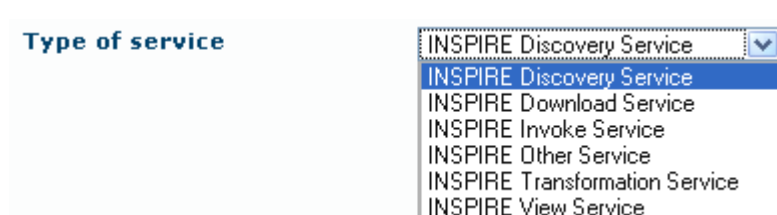
2.4 Recording Service Metadata

Note that the user screens for recording service metadata have fewer parameters. However they also have a number of additional metadata elements.

The metadata elements in the thematic and hierarchical categorisation of the service do not have a thematic category. But they additionally display the following elements:

- Categorization/Type of service
- Categorization/Service version
- Categorization/Coupling Type
- Access/Service operations
- Access/Coupled resource

Select the service type for the resource from the list.



Note: Services have different operations defined. The standard one is the operation of


requesting the service capabilities. For some service types the operation is given above.

Operation name	URL	Platform
		WebService

2.5 Tips for describing services

2.5.1 Linking to a service with datasets

To link a dataset to a service, an element must be generated for each dataset under 'Access > Coupled resource'. Enter an operation name (as in the Service Operations illustration) plus the name of the Layer or FeatureType (if available). The identifier is defined using a dialog for a separate search.

Click on the Tool icon  to search for a dataset. If an identifier has been created as defined previously for dataset descriptions, the latter can be linked to here.

Search identifier

In this dialog you can search for resources provided by the service. Enter a search term, choose the max. number of hits. Press the search button to initiate the search.

Start search Max. records

Start search Close

The 'Show coupled service' icon is displayed in the hit list.

Enjoy!