CMDI Component Registry and Editor

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Registration, Browsing and Editing

**Registration**: provide long term storage of Component/Profiles

**Browsing**: provide easy access to Components/Profiles

**Editing**: create new and edit existing Components/Profiles
CLARIN Metadata Component: An aggregation of metadata elements and other components aimed at describing a specific aspect of a resource.

Reusable building block

CLARIN Metadata Profile: An aggregation of metadata components and elements that can be used to create metadata descriptions. The profile is used to describe all relevant aspects of a resource or collection.

Blueprint for metadata description of a resource
Example

Component named “Contact”. Has metadata elements to describe a persons contact information: Name, Address, Email and Organisation.

<CMD_ComponentSpec isProfile="false">
  <Header>
    <ID>clarin.eu:crl:c_1264757339280</ID>
    <Name>component-contact</Name>
    <Description>IMDI components</Description>
  </Header>
  <CMD_Component CardinalityMax="1" CardinalityMin="1" name="Contact">
    <CMD_Element CardinalityMax="1" CardinalityMin="0" ValueScheme="string" ConceptLink="http://www.isocat.org/datcat/DC-2454" name="Name"/>
    <CMD_Element CardinalityMax="1" CardinalityMin="0" ValueScheme="string" name="Address"/>
    <CMD_Element CardinalityMax="1" CardinalityMin="0" ValueScheme="string" ConceptLink="http://www.isocat.org/datcat/DC-2521" name="Email"/>
    <CMD_Element CardinalityMax="1" CardinalityMin="0" ValueScheme="string" ConceptLink="http://www.isocat.org/datcat/DC-2459" name="Organisation"/>
  </CMD_Component>
</CMD_ComponentSpec>
Example Profile

- Goal: Create metadata for a comic book resource

Source: Archive.org
First edition of "The Green Hornet" in which The Green Hornet and Kato combat a ruthless gang whose victims are forced to obey criminal commands!

Written by Fran Striker (U.S., 1903), published by Gold Key in 1966.

Has 36 pages in color.
Using the Component Registry

- Browse to [http://www.clarin.eu/cmdi](http://www.clarin.eu/cmdi)
- Click the link to the Component Registry
## Searching for Components

### Component Browser

<table>
<thead>
<tr>
<th>Name</th>
<th>Group Name</th>
<th>Domain Name</th>
<th>Creator</th>
<th>Description</th>
<th>Registration Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>cmdl-location</td>
<td>clarin</td>
<td></td>
<td>CLARIN (<a href="mailto:cmdl@clarin.eu">cmdl@clarin.eu</a>)</td>
<td>Component for describing a location</td>
<td>21 April 2010 16:17:21</td>
<td>0</td>
</tr>
<tr>
<td>iso-country</td>
<td>clarin</td>
<td></td>
<td>CLARIN (<a href="mailto:cmdl@clarin.eu">cmdl@clarin.eu</a>)</td>
<td>The list of ISO3166-1 <strong>country</strong></td>
<td>21 April 2010 16:17:18</td>
<td>0</td>
</tr>
</tbody>
</table>
Logging in

Clarin Component Registry

Component Browser

Sign In to Clarin EU Service Provider
Select your Identity Provider

If you cannot find your institution in the list above please select the "Clarin.eu website account" and use your credentials of the CLARIN website. For questions please contact webmaster@clarin.eu.

Clarin.eu website account

Max Planck Institute for Psycholinguistics
Netherlands

Academisch Ziekenhuis Maastricht
Netherlands

AMOLF
Netherlands

Amsterdamse Hogeschool voor de Kunsten
Netherlands

APEM Hogeschool voor de Kunsten
Netherlands

ASTRON
Netherlands

Avans Hogeschool

User: anonymous

Profile for Acanthophorus
04 September 2012 14:58:03

User: twagoo@mpi.nl

Shibboleth Identity Provider Login

Username:
Password:
Login

Surf fed
Edit: Add a new Component
Edit: Add a new Component

Create Author Component

Profile: Component
Name: Author
Group Name: Demo
Description: The author of a comic book
Domain Name: Select a domain...
ConceptLink: http://www.isocat.org/datcat/DC-9123

Search in Isocat...
Edit: Add a new Component

Create Author Component

Profile  Component

Name: Author
Group Name: Demo
Description: The author of a comic book
Domain Name: Select a domain...
ConceptLink: http://www.isocat.org/datcat/DC-9123

Edit and choose a type

Edit and choose a type

Edit and choose a type

Enter pattern:

Use Pattern

Cancel
Edit: Create a new profile

Reuse existing components!
Save/publish

- **save** = save in **workspace** and **overwrite** original (only available if it is an edit of an existing profile/component)
- **save as new** = save in **workspace as new**, so original will still be there if editing an existing profile/component
- **publish** = move to **public space**, remove from workspace

Public space is open for everyone

Profile or Component can be made public when:
- It is valid (e.g. all fields are filled in correctly).
- It relies on already public components.
Ready to be used in Metadata Editor (Arbil).
Profile to Metadata

Metadata Profile

Series
Title
Synopsis

Author(s)
Name
Year of birth
Country

Character(s)
Name
Role

XML schema
("grammar")

<s:schema>
Thank you for your attention

Component Registry and documentation can be found at: http://www.clarin.eu/cmdi
Questions/Remarks sent to: cmdi@clarin.eu