CMDI Component Registry

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The current status of CMDI XML toolkit is SVN storage and manual creation of Components/Profiles for the XML savvy. The Component Registry tries to simplifies this.

Register, Browse and Edit

- Register: provide long term storage of Component/Profiles
- Browse: provide easy access to Components/Profiles.
- Edit: Create new and edit existing Components/Profiles
CLARIN Metadata component: An aggregation of metadata elements and components aimed at describing a specific aspect of a resource.

Reusable Building block

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

Metadata description of a resource
Example

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

```xml
<CMD_ComponentSpec isProfile="false">
  <Header>
    <ID>clarin.eu:cr1: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"
      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 video resource
A demo recording of one person explaining how to get to the city of Kleve using speech and gestures and another person listening. Recorded in Nijmegen on 2002-10-30. Titled “Route description to Kleve”. Recording is a video (MPEG) recording.
A demo recording of one person explaining how to get to the city of Kleve using speech and gestures and another person listening. Recorded in Nijmegen on 2002-10-30. Titled “Route description to Kleve”. Recording is a video (MPEG) recording.
Edit: Add a new Component

Create Participants Component

Profile  Component

Group Name: demo
Description: Person who is in a video
Name: Participant
Domain Name: Other
ConceptLink:

Element: X
Name: Name
ConceptLink: http://www.isocat.org/datcat/DC-2557
Documentation:
DisplayPriority: 1
Min Occurrences: 1
Max Occurrences: 1
Type: string

AttributeList: No Attributes
+attribute
Edit: Create a new profile

Reuse existing components!
Browse: Result

<table>
<thead>
<tr>
<th>Name</th>
<th>Domain Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>VideoResource</td>
<td>Other</td>
</tr>
</tbody>
</table>

Ready to be used in Metadata Editor (Arbil).
Publish your profiles

- Work is saved in a work space per user
- 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.

When published a copy is made to the public space, the user space version will still exist.
Fine tune your profile

- Give hints for other tools

- Documentation: Add some explanation on how to use this element. This can for instance be used as a tooltip.

- DisplayPriority: Should this element be used first in display
If you have Components or Profiles complying to the Component Schema (http://www.clarin.eu/cmd/general-component-schema.xsd)
You can upload it by using the import functionality
Status

- Component Registry can be found from:
  
  http://www.clarin.eu/cmdi

- You need to be a member of CLARIN to login.

- Documentation is in: http://www.clarin.eu/cmdi

- Questions/Remarks sent to: cmdi@clarin.eu