Metadata Editing, a truly extensible solution: Trident

David Kennedy
David Chandek-Stark
Duke University Libraries

Digital collections repository

DUKE UNIVERSITY LIBRARIES Digital Collections

Ask Us NOW! About | Help

We're redesigning this site and we want your input! Send us feedback

Search all Digital Collections: cars Search

Duke Libraries > Digital Collections > cars

Narrow Results By

Collection

- Gedney Photographs and Writings (435)
- Ad*Access (74)
- Emergence of Advertising in America (44)
- American Song Sheets (37)

Show More »

Type

- Photographs (505)
- Advertisements (122)
- Broadsides (37)
- Sheet music (14)

Show More »

707 items found in 15 collections. Sort by: Best Matches

Display: Grid | List | 3D Wall Results per page: 16 « Prev | Page 1 of 45 | Next »

wagon & car

Leave your family car home and use that special Hertz Rent-A-Car service!

Pullman-Standard Presents The Cafeteria Car

Avis

Metadata Editing

- multiple collections in repository
- controlled vocabularies
- validation

- user interface for editing metadata real-time
- batch editing - metadata normalization

MAP - Metadata **A**pplication **P**rofile

works by "instructing" an editor how to build a UI for editing

creates a schema-neutral representation of metadata (we call this metadata form)

editor is generic, has no notion of underlying metadata schema (s)

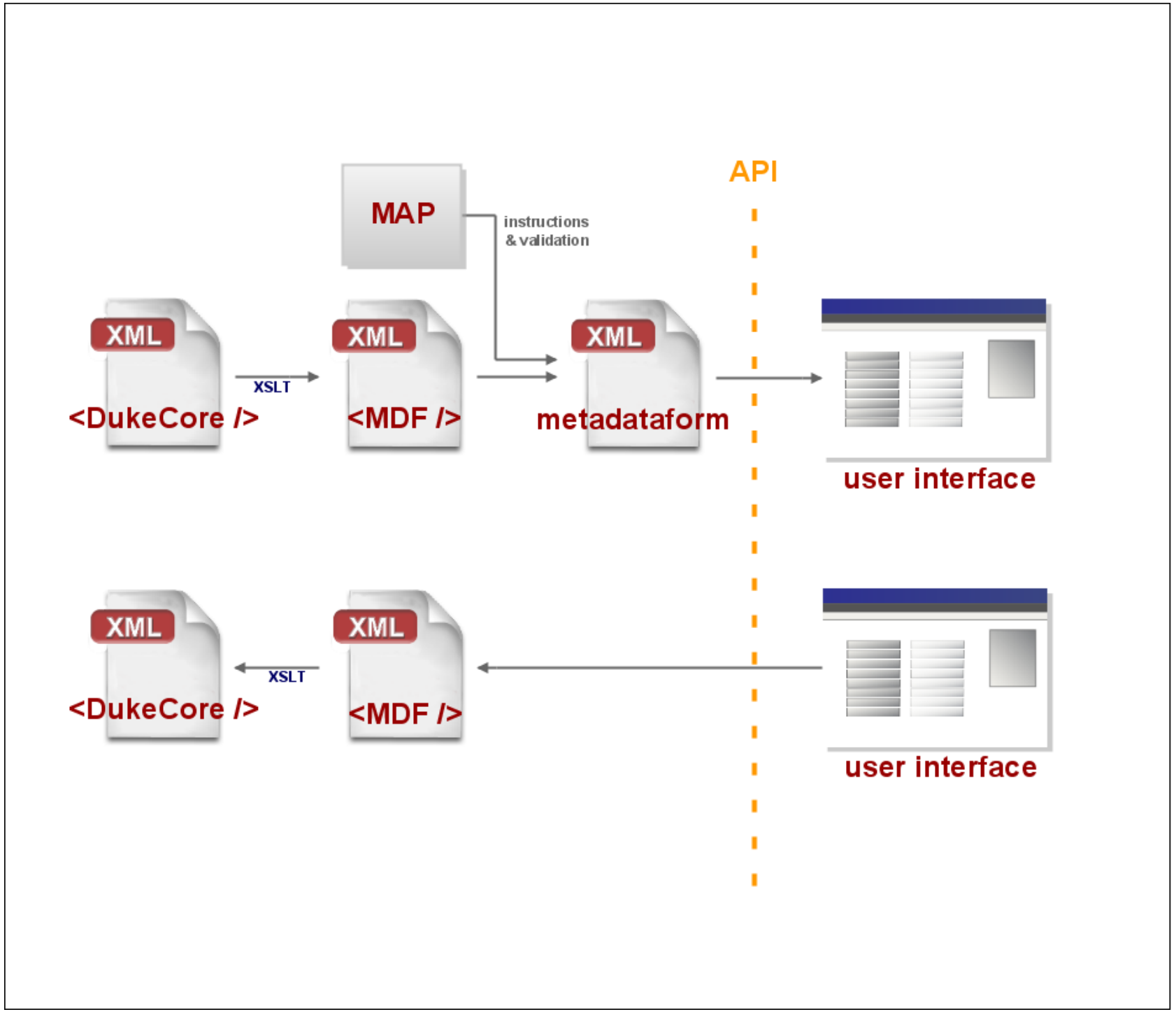
editor needs only to understand metadata form and communicate with the repository via the API

Editor/Repository Manager Application

- Python
- Django
- Yahoo! Grids CSS
- jQuery (+ plugins + UI)

Editor calls to Repo web services

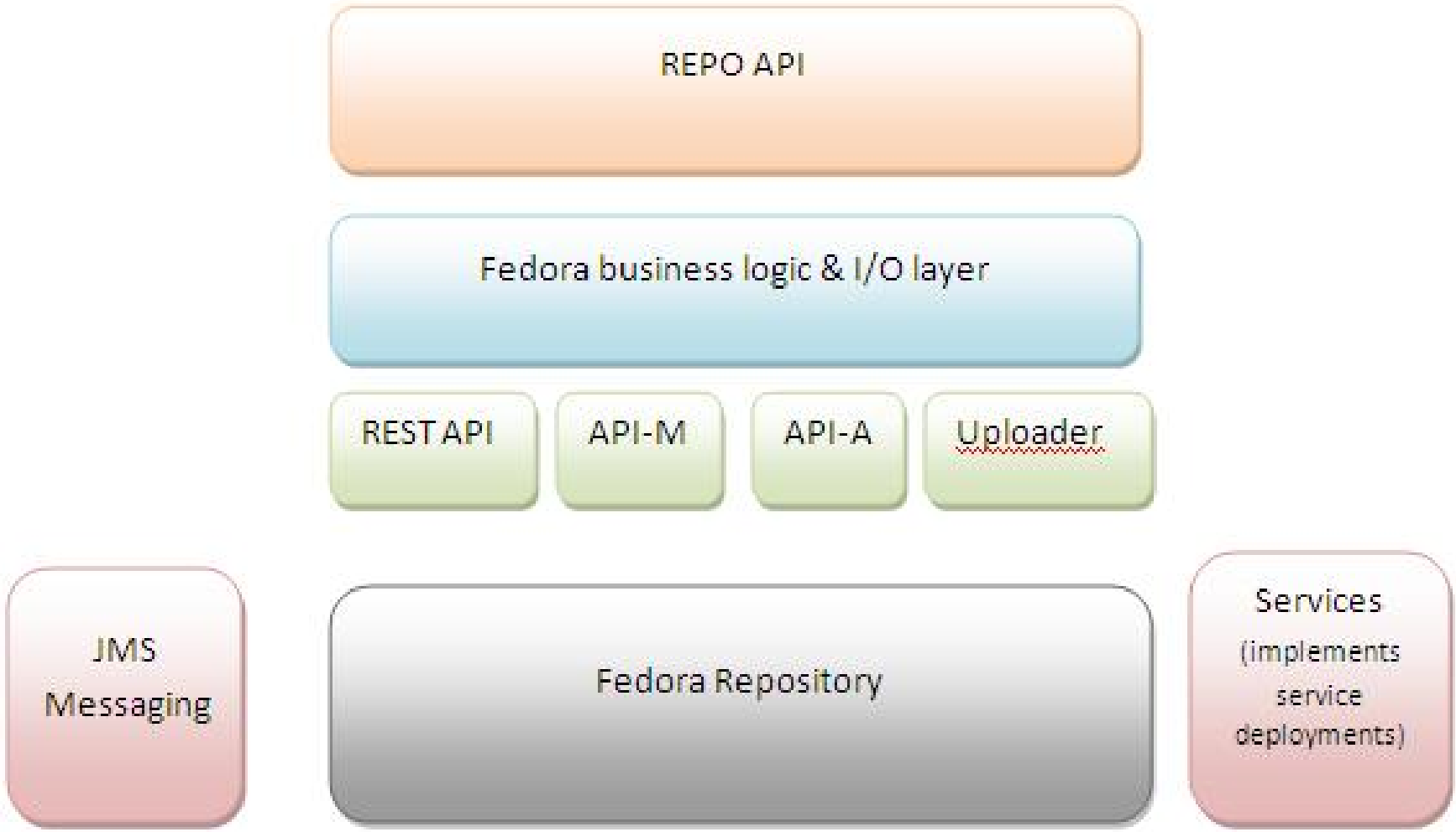
```
webdev.lib.duke.edu:9080 GET /repository/users/dc 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/title 404
TitleNotFound Repository could not find Title for item, duke:3530
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/metadataform 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/map_name 200
webdev.lib.duke.edu:9080 GET /repository/supportedschemas 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/nativeschema 200
webdev.lib.duke.edu:9080 GET /repository/supportedschemas 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/components 200
webdev.lib.duke.edu:9080 GET /repository/users/dc/permissions 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/type 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/status 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/properties 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/dmdlastmodified 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/rels 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3/title 200
webdev.lib.duke.edu:9080 GET /repository/users/dc/permissions/item/duke:3530 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/dmd 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/workflow 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/editgroups 200
webdev.lib.duke.edu:9080 GET /repository/users/dc 200
webdev.lib.duke.edu:9080 GET /repository/users/dc/permissions 200
webdev.lib.duke.edu:9080 GET /repository/users/dc 200
webdev.lib.duke.edu:9080 GET /repository/items/duke:3530/components/duke:3531/amd 200
```


API
MAP
instructions
& validation
XML
<DukeCore />
XSLT
XML
<MDF />
XML
metadataform
user interface
XML
<DukeCore />
XSLT
XML
<MDF />
user interface

Metadata Form

```
<metadata_form id="duke:3530">
 <fields>
  <field_group cardinality="single" display="required"
           label="Title" name="title" required="yes">
    <field>
     <element name="title" type="text">
      Program for a conformation service at Congregation Mickva Israel, Savannah, Ga.
     </element>
    </field>
  </field_group>
  <field_group cardinality="multiple" display="optional"
           label="Type" name="dcmitype" required="no">
    <field>
     <element name="dcmitype" type="select" values="dcmi_types">Text</element>
    </field>
  </field_group>
  <!--
      More field_group elements ...
    -->
 </fields>
</metadata_form>
```

Repository architecture



Contact

tridentproject.org - API docs
blog.tridentproject.org - News

Dave Kennedy
david.kennedy@duke.edu

David Chandek-Stark
david.chandek.stark@duke.edu