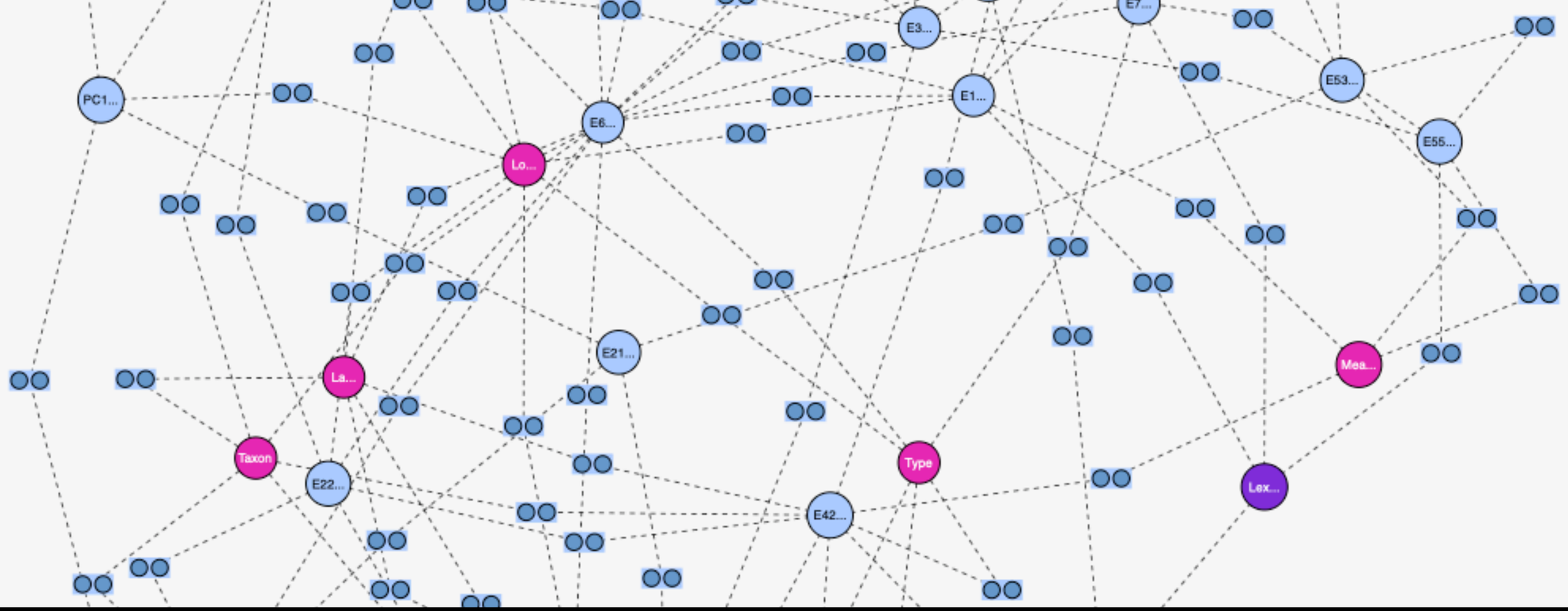


REPRÉSENTATION DES CONNAISSANCES

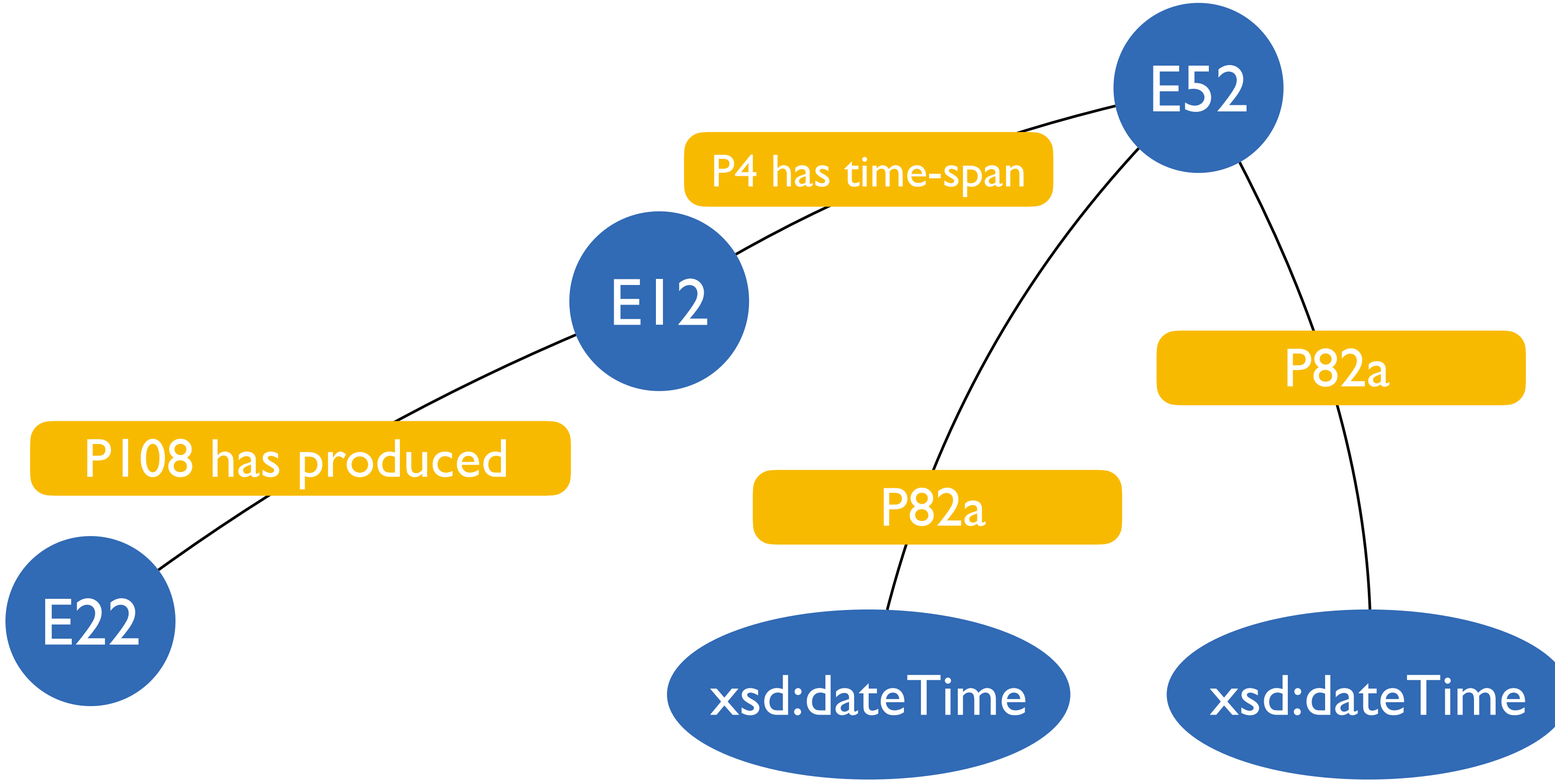
NICOLA CARBONI

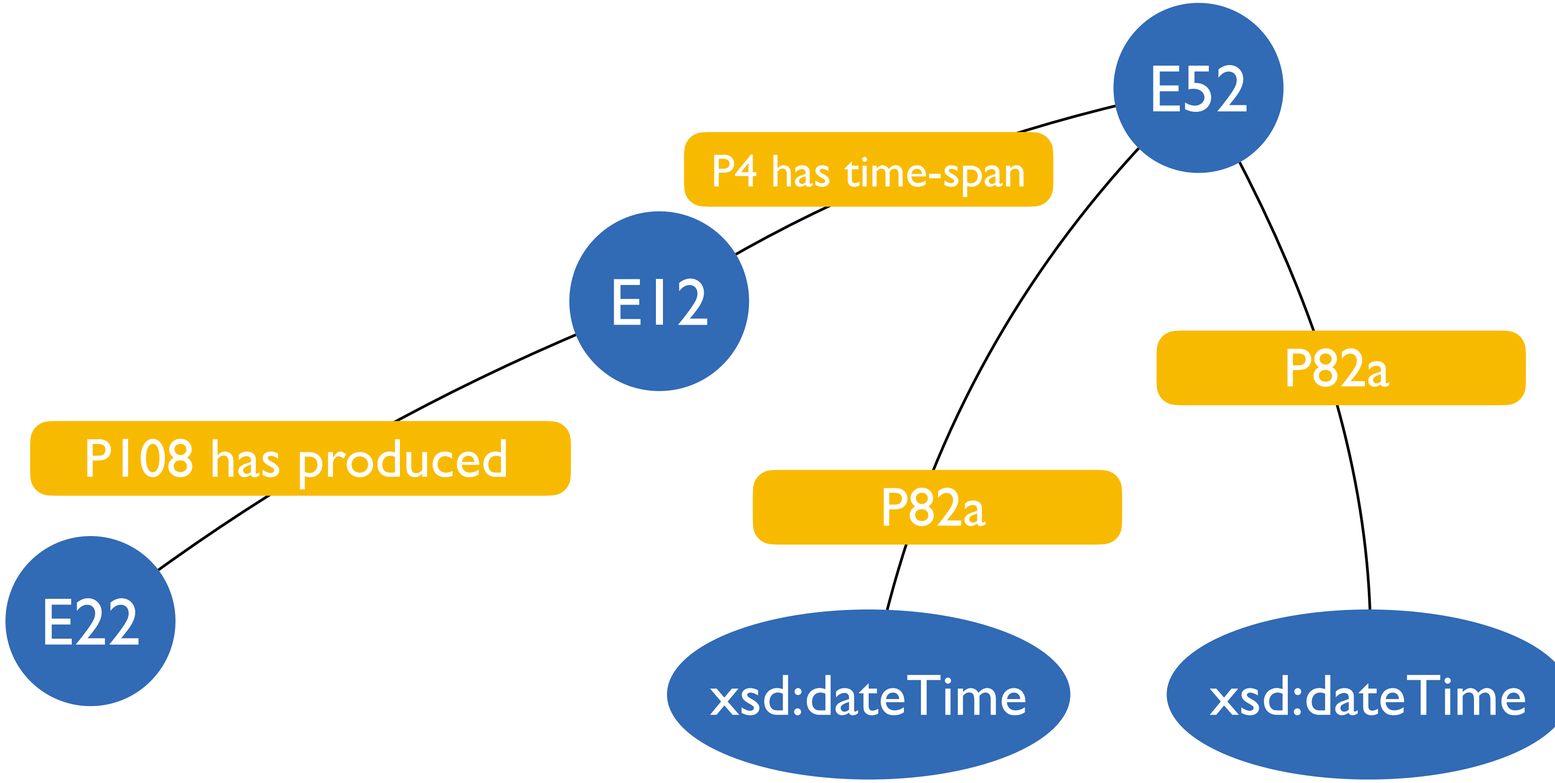
File XML

Mapping

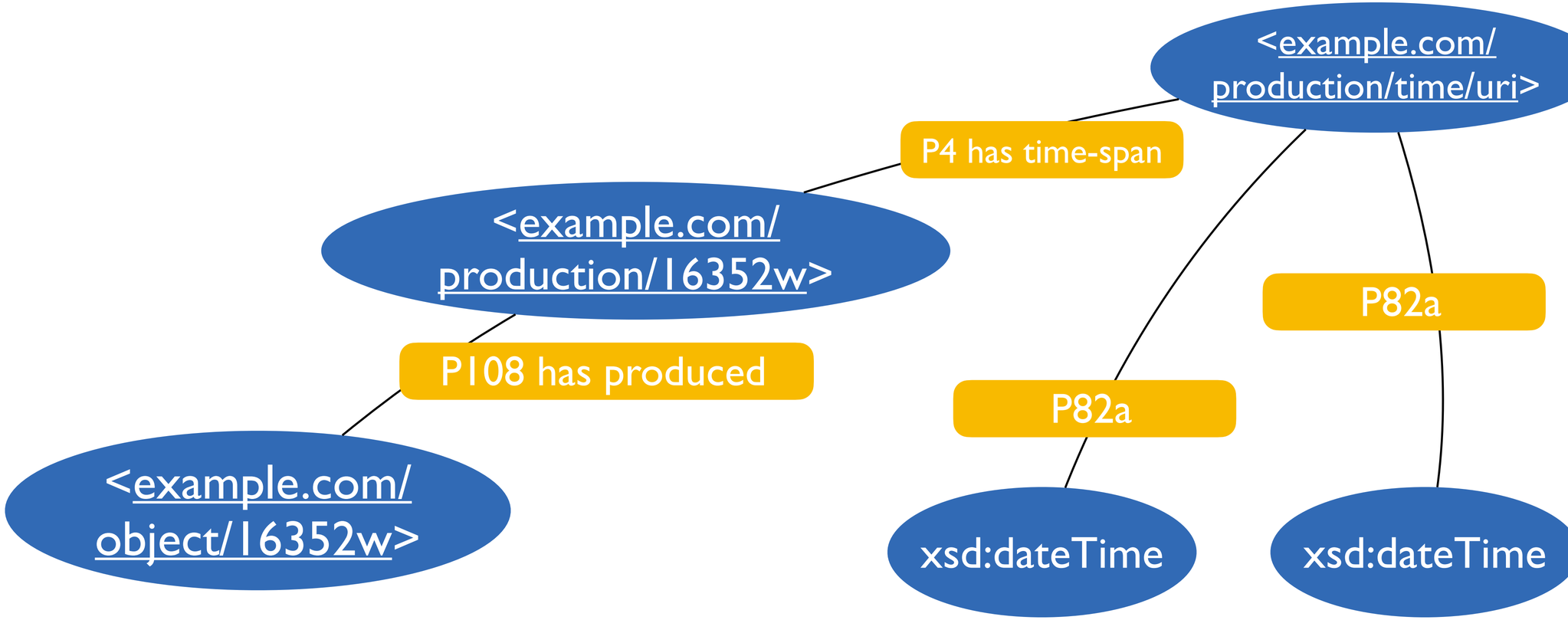
Generator
Policy

```
<row>
    <id>0</id>
    <Ref_No>16352w</Ref_No>
    <Inventory_No>2185-36</Inventory_No>
    <Artist>BAIZERMAN, Eugenie</Artist>
    <getty_url>http://vocab.getty.edu/ulan/500465604</getty_url>
    <Description>Sale  2185 christie's interiors 30 June - 1 July 2009 New
York, Rockefeller Plaza Eugenie Baizerman (AMERICAN, 1899-1949) Figure of
Venus #11; and a companion painting\nthe first oil on canvas laid down on
board
the first 7⅞ x 9½ in. (18.4 x 24.1 cm.) (2)</Description>
    <Medium>oil on canvas laid down on board</Medium>
    <Dimension_H>24.1</Dimension_H>
    <Dimension_W>18.4</Dimension_W>
    <Dimension_D></Dimension_D>
    <Type>Painting</Type>
    <birth_date_P81a>1899-10-14T00:00:00Z</birth_date_P81a>
    <birth_date_P81b>1899-10-14T23:59:59Z</birth_date_P81b>
    <place_of_birth>Warsaw</place_of_birth>
    <place_of_birth_WKT>POINT (21.033333333333 52.216666666667)
</place_of_birth_WKT>
    <country_of_birth>Polanc</country_of_birth>
    <death_date_P81a>1949-12-30T00:00:00Z</death_date_P81a>
    <death_date_P81b>1949-12-30T23:59:59Z</death_date_P81b>
    <place_of_death>New York City</place_of_death>
    <place_of_death_WKT>POINT (-73.94 40.67)</place_of_death_WKT>
    <country_of_death>United States of America</country_of_death>
    <gender_name>female</gender_name>
    <Owner>Christie's</Owner>
    <Place>New York</Place>
    <owner_place>New York City</owner_place>
    <owner_place_wkt>POINT (-73.94 40.67)</owner_place_wkt>
    <owner_country>United States of America</owner_country>
    <Title>Figure of Venus #11</Title>
    <year_P82b_datetime>1925-12-31T00:00:00Z</year_P82b_datetime>
    <year_P82a_datetime>1925-01-01T00:00:00Z</year_P82a_datetime>
    <Year_Type>circa</Year_Type>
  </row>
```





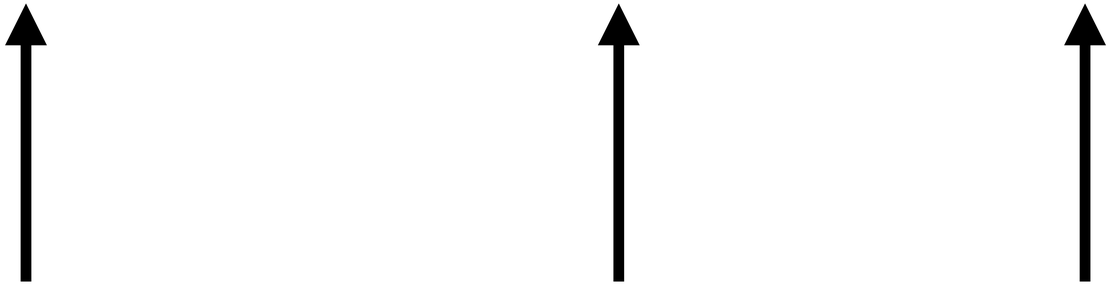
<id>0</id>
<Ref_No>16352w</Ref_No>
<year_P82b_datetime>1925-12-31T00:00:00Z</year_P82b_datetime>
<year_P82a_datetime>1925-01-01T00:00:00Z</year_P82a_datetime>



<id>0</id>
<Ref_No>16352w</Ref_No>
<year_P82b_datetime>1925-12-31T00:00:00Z</year_P82b_datetime>
<year_P82a_datetime>1925-01-01T00:00:00Z</year_P82a_datetime>

Generator Policy

<https://lod.unige.com/person/16352w>

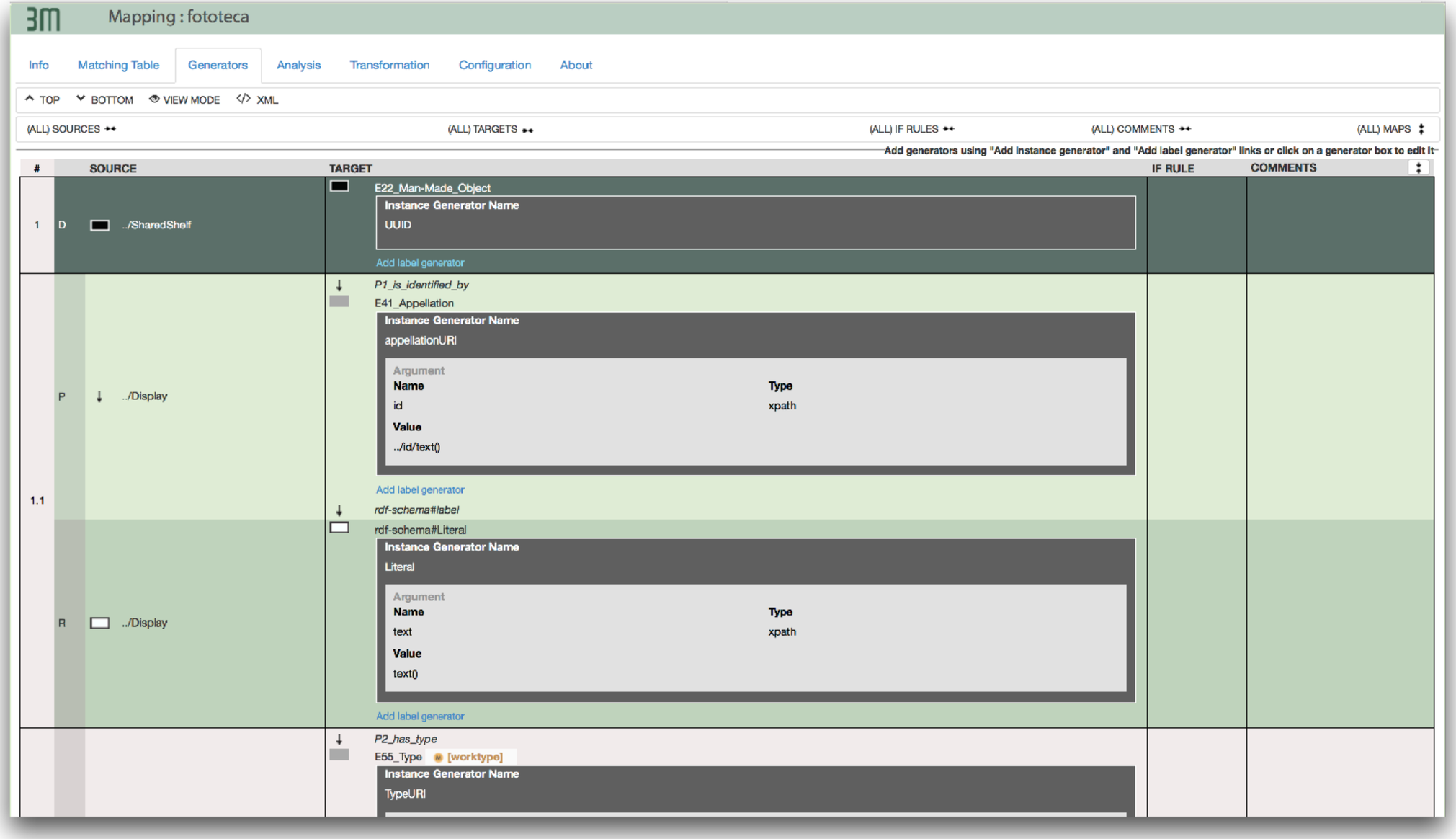


base entity id

Generator Policy

{base} + {entity} + {id}

No spaces!


Mapping : fototeca
Info
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Transformation
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BOTTOM
VIEW MODE
XML
(ALL) SOURCES
(ALL) TARGETS
(ALL) IF RULES
(ALL) COMMENTS
(ALL) MAPS
Add generators using "Add instance generator" and "Add label generator" links or click on a generator box to edit it
#
SOURCE
TARGET
IF RULE
COMMENTS
1
D
../SharedShelf
E22_Man-Made_Object
Instance Generator Name
UUID
Add label generator
1.1
P
../Display
P1_is_identified_by
E41_Appellation
Instance Generator Name
appellationURI
Argument
Name
Type
id
xpath
Value
../id/text()
Add label generator
rdf-schema#label
R
../Display
rdf-schema#Literal
Instance Generator Name
Literal
Argument
Name
Type
text
xpath
Value
text()
Add label generator
P2_has_type
E55_Type
[worktype]
Instance Generator Name
TypeURI

Mapping : fototeca

Info | Matching Table | Generators | Analysis | Transformation | Configuration | About

TOP BOTTOM VIEW MODE XML

(ALL) SOURCES ↔ (ALL) TARGETS ↔

#		SOURCE	TARGET
1	D	../SharedShelf	E22_Man-Made_Object
1.1	P	../Display	*P1_is_identified_by* E41_Appellation *rdf-schema#label*
	R	../Display	rdf-schema#Literal
1.2	P	../term	*P2_has_type* E55_Type [worktype] *rdf-schema#label*
	R	../term	rdf-schema#Literal
1.3	P	../id	*P2_has_type* E55_Type [worktype] *P1_is_identified_by* E42_Identifier *rdf-schema#label*
	R	../id	rdf-schema#Literal
1.4	P	../uri	*P2_has_type* E55_Type [worktype] *P1_is_identified_by*
	R	../uri	
1.5	P	../vocab	*P2_has_type* E55_Type [worktype] *P71i_is_listed_in* E32_Authority_Document *P1_is_identified_by* E41_Appellation *rdf-schema#label*
	R	../vocab	rdf-schema#Literal
1.6	P	../id	*P65_shows_visual_item* E36_Visual_Item [visual] *P129i_is_subject_of* E73_Information_Object [info1] *P1_is_identified_by*

```
ode>/objects/photographs</source_node>
ode>

entity>
type>crm:E22_Man-Made_Object</type>
instance_generator name="objectURI">
    <arg name="id" type="xpath">_system
/instance_generator>
additional>
    <relationship>crm:P2_has_type</rela
    <entity>
        <type>crm:E55_Type</type>
        <instance_generator name="URIor
            <arg name="text" type="cons
            http://vocab.getty.edu/aat/
        </instance_generator>
    </entity>
/additional>

additional>
    <relationship>crm:P2_has_type</rela
    <entity>
```

X3ML

-i,--input : XML input records.
Option A-single file: --input input.xml
Option B-multiple files (comma-sep): --input input1.xml,input2.xml,input3.xml
Option C-folder: --input #_folder_path
Option D-URL: --input @input_url
Option E-multiple URLs: --input @input_url1,input_url2,input_url3
Option F-stdin: --input @
-x,--x3ml : X3ML mapping definition.
Option A-single file: --x3ml mapping.x3ml
Option B-multiple files (comma-sep): --x3ml mappings1.x3ml,mappings2.x3ml
Option C-stdin: --x3ml @
-p,--policy : The value policy file: --policy policy.xml
-o,--output : The RDF output file name: --output output.rdf
-u,--uuidTestSize : Create a test UUID generator of the given size.
-f,--format : Output format. Options:
--format application/rdf+xml (default)
--format application/n-triples
--format application/trig
--format text/turtle
-t,--terms : the SKOS taxonomy
Option A-single file: --terms skosTerms.nt
Option B-URL file: --terms @skos_terms_url
-a,--assocTable : export the contents of the association table in XML format
-m,--mergeAssocWithRDF:merge the contents of the association table with the RDF output
-v,--version:reports the X3ML Engine version

X3ML

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

start the programme using java

X3ML

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

input file to be used

X3ML

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

file to used for generating URI

X3ML

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
 venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

mapping file to be used

X3ML

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

what to output

```
java -jar x3ml-engine-1.9.3-exejar.jar -i
venus.xml -p generator_policy.xml -x
mapping.x3ml -o test.ttl -f text/turtle
```

input as file

```
java -jar /Applications/Semantic\ web/X3ML\
1.9/x3ml-engine-1.9.3-exejar.jar -i data/* -p
generator_policy.xml -x mapping.x3ml -o
unige.ttl -f text/turtle
```

input as folder

check results:

http://sketch.zazuko.com