

Information Integration on the Web: Homework 2

Due on January 30, 2015

Prof. Ambite & Knoblock

Tushar Tiwari

JSON OF CHOSEN ARTWORK

```
1  [
2    {
3      "_id": 184481,
4      "acquired_from": "Bequest of Fannie and Alan Leslie",
5      "acquired_id": "M.2006.73.2",
6      "artist": {
7        "birthplace": {
8          "country": "United States"
9        },
10       "dates": {
11         "born": "1899",
12         "died": "1978"
13       },
14       "link": "http://collections.lacma.org/node/165564",
15       "name": {
16         "first": "Charles",
17         "last": "Howard",
18         "middle": "Houghton"
19       }
20     },
21     "category": "american",
22     "copyright": "Estate of Charles Houghton Howard",
23     "created_country": "United States",
24     "created_year": "1950",
25     "dimensions": {
26       "depth": "3.81",
27       "height": "82.55",
28       "units": "cm",
29       "width": "105.41"
30     },
31     "display": "Framed",
32     "image_link": "http://collections.lacma.org/sites/default/files/
33       remote_images/piction/ma-31205657-WEB.jpg",
34     "link": "http://collections.lacma.org/node/184481",
35     "name": "Double Circle",
36     "on_view": "Art of the Americas Building, floor 3",
37     "painting_type": "Oil on canvas"
38   }
39 ]
```

Figure 1: The painting can be found at <http://collections.lacma.org/node/184481>.

RDF GRAPH

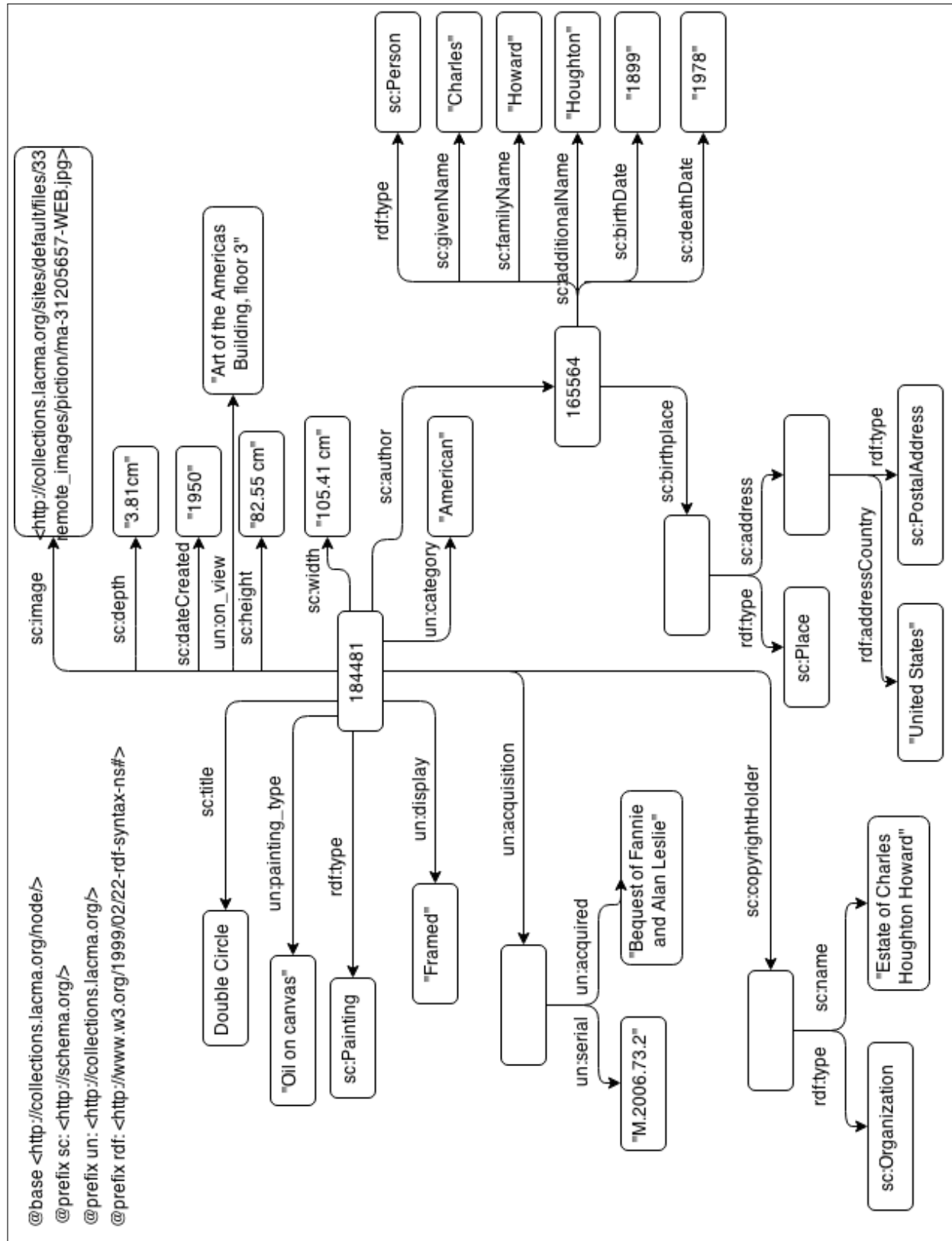


Figure 2: The RDF Graph for the above JSON

TURTLE TRIPLES

```
@base <http://collections.lacma.org/node/> .
@prefix sc: <http://schema.org/> .
@prefix dc: <http://purl.org/dc/elements/1.1/> .
@prefix un: <http://collections.lacma.org/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
<184481> a sc:Painting .
<184481> sc:title "Double Circle" .
<184481> sc:dateCreated "1950"^^xsd:gYear .
<184481> sc:image "http://collections.lacma.org/sites/default/files/33_remote_images/piction/ma
-31205657-WEB.jpg"^^xsd:anyURI .
<184481> sc:height "82.55 cm" .
<184481> sc:width "105.41 cm" .
<184481> sc:depth "3.81 cm" .
<184481> un:on_view "Art of the Americas Building, floor 3" .
<184481> un:painting_type "Oil on canvas" .
<184481> un:display "Framed" .
<184481> un:category "American" .
<184481> sc:author <165564> .
<184481> sc:copyrightHolder [
  a sc:Organization; sc:name "Estate of Charles Houghton Howard"
] .
<184481> un:acquisition [
  un:acquired "Bequest of Fannie and Alan Leslie";
  un:serial "M.2006.73.2" ;
] .
<165564> a sc:Person .
<165564> sc:givenName "Charles" .
<165564> sc:familyName "Howard" .
<165564> sc:additionalName "Houghton" .
<165564> sc:birthDate "1899"^^xsd:gYear .
<165564> sc:deathDate "1978"^^xsd:gYear .
<165564> sc:birthPlace [
  a sc:Place;
  sc:address [
    a sc:PostalAddress; sc:addressCountry "United States"
  ];
] .
```

ANY23.ORG REPORT

```
1 <?xml version="1.0" encoding="UTF-8" ?>
2 <response>
3 <extractors>
4 <extractor>rdf-turtle</extractor>
5 </extractors>
6 <report>
7 <message/>
8 <error/>
9 <issueReport>
10 </issueReport>
11 <validationReport>
12 <ruleActivations>
13 </ruleActivations>
14 <issues>
15 </issues>
16 <errors>
17 </errors>
18 </validationReport>
19 </report>
20 <data>
21 <![CDATA[
22 <?xml version="1.0" encoding="UTF-8" ?>
23 <rdf:RDF
24   xmlns:sc="http://schema.org/"
25   xmlns:dc="http://purl.org/dc/elements/1.1/"
26   xmlns:un="http://collections.lacma.org/"
27   xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
28   xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#">
29
30 <rdf:Description rdf:about="http://collections.lacma.org/node/184481">
31   <rdf:type rdf:resource="http://schema.org/Painting"/>
32   <sc:title>Double Circle</sc:title>
33   <sc:dateCreated rdf:datatype="http://www.w3.org/2001/XMLSchema#gYear">1950</sc:dateCreated>
34   <sc:image rdf:datatype="http://www.w3.org/2001/XMLSchema#anyURI">http://collections.lacma
```

Figure 3: The empty issues tag under the validationReport tag indicates that the turtle code had no errors.