

Information Science & Technology Commission Report to CETAF34

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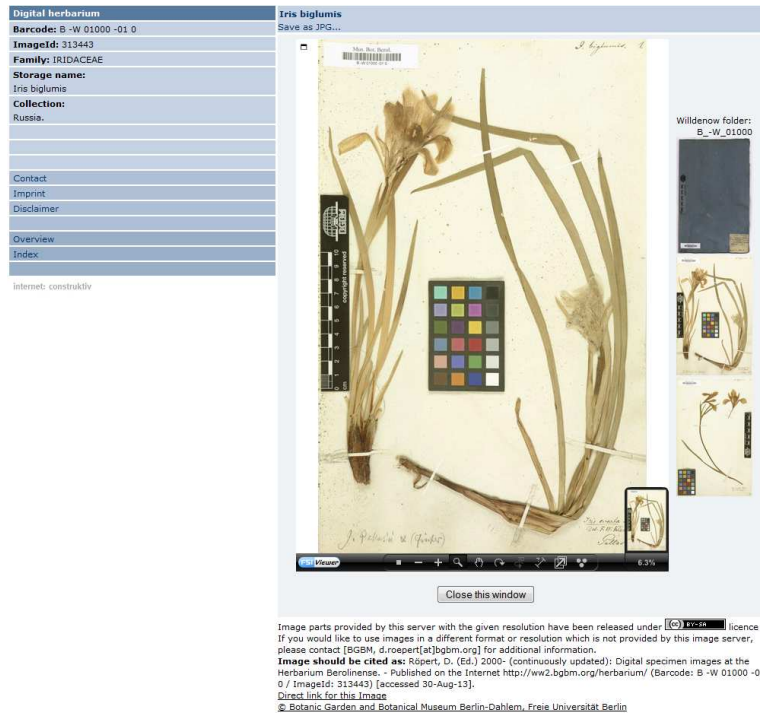
Collection identifier task group



- ❖ ISTC agreed that the potential of using http URIs as collection identifiers is considerable (**March 2013**).
- ❖ „Stable identifiers for specimen“ workshop (**June 2013**).
- ❖ **RBGE, BGBM, Kew, MfN, and MNHN** decided to implement http URIs.
- ❖ Next workshop in the context of pro-iBiosphere workshop at the BGBM (**October 2013**).

The basic idea

- ❖ Use http URIs as identifiers for (physical) collection objects (<http://herbarium.bgbm.org/object/BW01000010>).
- ❖ The identifier provides links to both human-readable and machine-readable representations of the individual object.



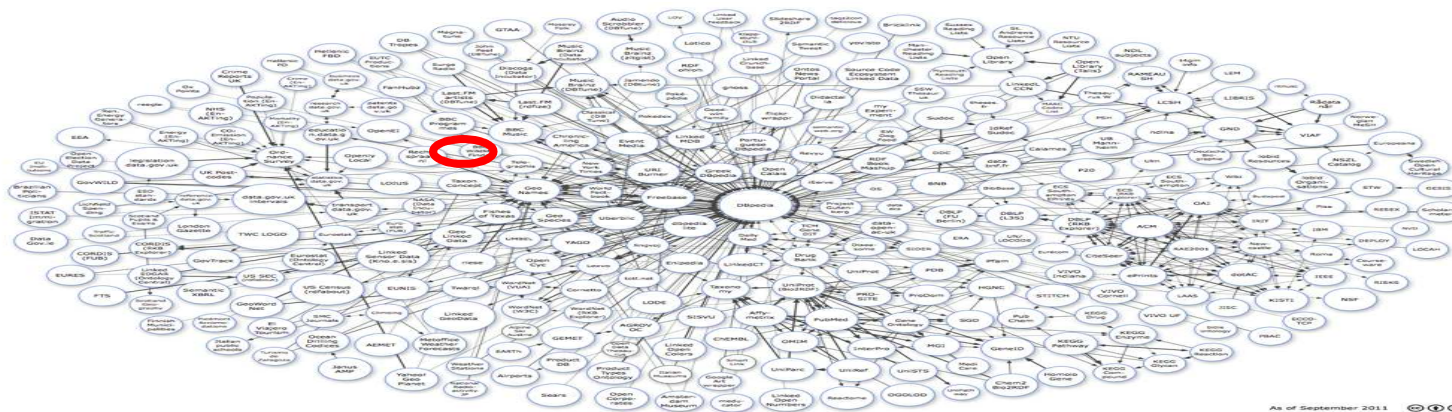
```

- <rdf:RDF>
  <!-- This is metadata about this metadata document -->
  - <rdf:Description rdf:about="http://herbarium.bgbm.org/data/rdf/BW01000010">
    <dc:creator>TODO: Simple PHP RDF Script</dc:creator>
    <dc:created>2013-08-30T09:15:56+02:00</dc:created>
  </rdf:Description>
  <!-- This is metadata about this specimen -->
  - <rdf:Description rdf:about="http://herbarium.bgbm.org/object/BW01000010">
    <!-- Assertions made in simple Dublin Core -->
    <dc:title>Iris biglumis</dc:title>
    - <dc:description>
      A herbarium specimen of Iris biglumis collected by
    </dc:description>
    <dc:creator/>
    <dc:created/>
  - <!--
    Assertions based on experimental version of Darwin Core
  -->
  <dc:SampleID>http://herbarium.bgbm.org/object/BW01000010</dc:SampleID>
  <dc:modified>Sep 22 2011 10:36:55:290AM</dc:modified>
  <dc:BasisOfRecord>Specimen</dc:BasisOfRecord>
  <dc:InstitutionCode>BGBM</dc:InstitutionCode>
  <dc:CollectionCode>B</dc:CollectionCode>
  <dc:CatalogNumber>B-W 01000-01 0</dc:CatalogNumber>
  <dc:ScientificName>Iris biglumis</dc:ScientificName>
  <dc:Family>IRIDACEAE</dc:Family>
  <dc:Genus>Iris</dc:Genus>
  <dc:SpecificEpithet>biglumis</dc:SpecificEpithet>
  <dc:HigherGeography>Russia</dc:HigherGeography>
  <dc:Country>RU</dc:Country>
  <dc:Locality>Russia.</dc:Locality>
  <dc:EarliestDateCollected/>
  <dc:Collector/>
  </rdf:Description>
- </rdf:RDF>

```

Why is this good/important?

- ❖ Thanks to the Domain Name System (DNS) the resolving mechanisms are already in place.
- ❖ Institutions are free to use the URL-formats they like.
- ❖ It is easy to implement and convenient for Users.
- ❖ (For the first time) a clear separation between physical and data objects.
- ❖ The system does very fundamental things and opens at the same time the door to advanced semantic technologies.



The next ISTC meeting

- ❖ Will take place at the National Museum in **Prague** (in the week March 24-28, 2014).
- ❖ Main topic: scientific software applications developed by CETAF institutions and potential for collaborations.
- ❖ Other topics:
 - ❖ Sustainability of services/systems (e.g. OpenUp!)
 - ❖ Discussion and planning of new EU proposals
 - ❖ Implications of the INSPIRE directive
 - ❖ Your ideas