

4. Old RR Example

```
...
<referenceURL>
  http://wwwas.oats.inaf.it/aidawp5/eng_download.html
</referenceURL>
<relationship>
  <relationshipType>uses</relationshipType>
  <relatedResource>The ALADIN image server</relatedResource>
</relationship>
</content>
<language>de</language>
<language>en</language>
<language>es</language>
<language>fr</language>
<language>it</language>
<accessURL>
  http://wwwas.oats.inaf.it/aidawp5/eng_download.html
</accessURL>
<sourceURI>
  http://svn.ari.uni-heidelberg.de/svn/edu/trunk/aida_08_m1_distance
</sourceURI>
```

The most important feature here is that languages were just declared, but without saying anything about where to get the document in that language. `accessURL` was supposed to be a landing page. For this particular document, that landing page is shared between about a dozen different tutorials, so it's particularly impossible for a machine to figure out where to go.

5. New RR example

```
<referenceURL>
  http://[...]trunk/aida_08_m1_distance/README
</referenceURL>
</content>
<capability xsi:type="doc:Edition">
  <interface role="rendered" xsi:type="vr:WebBrowser">
    <accessURL>[...m1_distance/de/de_aida_08_m1_distance.pdf</accessURL>
    <language>de_DE</language>
    <locTitle xml:lang="de_DE">Die Entfernung zum Krebsnebel</locTitle>
  </interface>
</capability>
<capability xsi:type="doc:Edition">
  <interface role="rendered" xsi:type="vr:WebBrowser">
    <accessURL>[...m1_distance/en/en_aida_08_m1_distance.pdf</accessURL>
  </interface>
  <interface role="source" xsi:type="vs:ParamHTTP">
    <accessURL>[...m1_distance/en/en_aida_08_m1_distance.pdf</accessURL>
  </interface>
  <language>en_UK</language>
</capability>
```

What's new?

- Reference URL for this example is the README in the edu source repository (recommended: Something with an English-language abstract and links to the actual document)
- Instead of one access URL and one source URL, they're now given per-language
- Languages are now a property of each "Edition".
- Languages now use RFC 3066 language codes (no, I don't like it either, but it's what XML itself wants, and it sucks to have different identifiers in the same document).
- Editions are modelled as capabilities.
- Rendered and source are now interface roles.

- There's a new `locTitle` element for the title in the document language.
- The source "interface" and the localised title may be missing where they make no sense (lost source/document language English)

Yeah, it's a bit more working putting in the data now required, but we'll get much better UIs with this kind of metadata.

6. Going Forward

- **Feedback solicited** – I've not yet implemented that because I wanted to hear if there's severe dislike of this plan
- There was a plan to have @maintained – any chance we can pull that off?
- I'll probably move "our" registry records on August-ish and update VOTT. Can we publish the note by then?

Draft note: <http://docs.g-vo.org/edumatters-beta.pdf>