





#### 1. edu matters. Really, now.

(cf. Fig. 1)

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(cf. Fig. 2)

- A bit of history
- VOTT
- Proposed Changes in DocRegExt
- Going forward

(cf. Fig. 3)

### 2. A bit of history

1

2013: What does the VO need to become a more useful educational tool? First answers:

- Optionally isolate school/outreach, amateur and professional users from each other
- Maintenance of tutorials and such needed improving
- Make educational material discoverable

Southern Spring 2013: A draft note discussed at the Hawaii Interop

2014: Dedicated SVN repo, first DocRegExt records

 $\textbf{2016}: \text{Registry recs} \rightarrow \text{http://dc.g-vo.org/VOTT}$ 

nomical Infrastructure for Data Access

The sky - basic  $\blacksquare$   $\blacksquare$   $\blacksquare$   $\blacksquare$   $\blacksquare$   $\blacksquare$   $\blacksquare$   $\blacksquare$   $\blacksquare$  Within this use case you discover the celestial coordinates a and/or find a given star in the sky. You also learn how to us Fig. 4



# 3. VOTT

Presented at Cape Town interop (Northern Spring 2016): A list of registred tutorials, with thumbnails and all.

But: When there's no PDF, there's no thumbnail, and we don't have this:

(cf. Fig. 4)

(cf. Fig. 5)

## 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> <sourceURT> 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="yr: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.
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- 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