Semantics WG

IVOA interoperability meeting
Champaign-Urbana 2012 May 21

Semantics session
Tuesday 09:00-10:30 @Rm1040

- Vocabularies for VO-Theory and registration of vocabularies in IVOA registries
- Semantic tagging and microformats
- Vocabularies/thesaurus for interoperability
- Ontologies and PURLs
- Astroinformatics 2012, Redmond, September 10-14

Vocabularies for VO-Theory and registration of vocabularies in IVOA registries

- Franck Le Petit

- + how to specify SKOS vocabulary in VOTable ?

Semantic tagging and microformat

- Microformats
  - vcard, geo

```
The birds roosted at
    <span class="geo">
        <span class="latitude">52.48</span>,
        <span class="longitude">-1.89</span>
    </span>
```

- Tagging in documents, portal
  - using a thesaurus

Scholz A.; Giannini T.; Eisloeffel J.; Nisini B.; Massi F.; Antoniucci S.;

orming regions: A potential chemical clock?
esaroni R.; Codella C.; Schuller F.; Bronfman L.; Carey S.J.; Menten K.

iscovered pulsar IGR J17480-2446.
.; Burderi L.; Di Salvo T.; Belloni T.; Iaria R.

e solar twin 18 Scorpii derived from asteroseismology and in
ding T.R.; Broomhall A.-M
.; Asplund M.; Castro M.
nteiro M.J.P.F.G.; Santos N.

ards the massive young s
.D.; Nuernberger D.E.A.; Wi

creting brown dwarf J05
i L.; Covino E.; Herczeg G.;
26/L10)
net host star.
ves R.

ormation process by sho

* 18 Sco

J2000: 16 15 37.269 -08 22 09.99

Search * 18 Sco in SIMBAD
Search * 18 Sco in CDS portal
Annotations for * 18 Sco

Stabilobj is a service provided by

Vocabularies/thesaurus for interoperability

- Registry <content>
- VOEvent <why>

Ontologies and PURLs

- Where to publish/store vocabularies, ontologies ?
- How to ensure long-term acessibility ?

Astroinformatics 2012

- http://www.astro.caltech.edu/ai12/
- Attendees ?
- Topics ?
- Contributions ?