Info Service Ontology version 0.4

[5] http://infoserviceonto.svn.sourceforge.net/viewvc/infoserviceonto/infoservice/trunk/gfx/is_musicbrainz_example.gif new link to its graphics/examples

The Info Service Ontology consists of a basic is:InfoService concept (which could maybe related to prv:DataProvidingService instances) and some additional ones for describing such an info service (currently: is:InfoServiceQuality, is:InfoServiceType and is:InfoServiceContributorType - the specific individuals are currently only proof-of-concept examples). The main hook re. specific websites from an info service is is:info_service, which associates an is:InfoService instance to a owl:Thing (or sub class of owl:Thing, e.g. foaf:Document) instance (a website link). Furthermore, I defined some is:InfoService individuals, especially is:musicbrainz as proof-of-concept example. Therefore, I used also some category definitions from DBpedia (important is also the property is:main_subject for associating a main subject of an info service).

Please feel to add comments, critics and suggestions re. which properties might useful for describing an info service.

Planned extensions are:
- enabling multiple info service quality ratings, e.g. by using [4], which may come from different info service rating agencies (e.g. modelled with foaf:Agent as hook) so that the customer of such rating could select the info service rating agency of his/her choice

- defining a is:recommendation property
- add further information service quality properties, this should maybe done in another sub ontology, because rating information quality could be somehow complex and be realized on different levels of complexity (see the ongoing discussion on the prv-vocab mailing list [6])

With this property (is:info_service as relation to an info service description) it should be possible, e.g. to enable users the opportunity to choose their preferred info services as data sources for their knowledge base by selecting the different properties of such an info service.

I currently work on my Master-like thesis, which has the topic "Semantic Federation of Musical and Music Related Information for Establishing a Personal Music Knowledge Base". One concern is that the user should be able to select music info services of their choice or the application will choose the data sources automatically through evaluating the (FOAF + Weighted Interests Ontology based) user profile and comparing it with the info service descriptions.

-------------------------the above comments are from "schrieb Bob Ferris"
**Target:** The Information Service Ontology Specification provides basic concepts and properties for describing different information services, e.g. Wikipedia, MusicBrainz, Freebase or Discogs, on/for the Semantic Web. This document contains a RDF description of the Information Service Ontology.

Main classes:

- **InfoService**
  - bbc
  - discogs
  - echonest
  - freebase
  - lastfm
  - musicbrainz
  - myspace
  - Pandora
  - spotify
  - wikipedia

- **InfoServiceContributorType**
  - community
  - expert
  - mixed
  - recommender_service

- **InfoServiceQuality**
  - bad
  - good
  - middle
  - useless
  - very_bad
  - very_good

- **InfoServiceType**
  - encyclopedia
  - knowledge_base
  - social_network_service

Object property

- info_service
- info_service_contributor_type
- info_service_quality
- info_service_type

Main property
- main_subject