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JUMP Workbench, PostGIS and GeoNetwork for GeoWeb Services Catalog

The poster will describe Catalog for GeoWeb services that is used for internal purposes of Institute of Geoinformatics (VSB-TU Ostrava). We have built the catalog to enable coordination in GeoWeb services usage at our institute. Other purpose for this catalog was our research in the area of GeoWeb services orchestration. We need some services to test orchestration and choreography. The catalog is developed in PHP and Java languages. Metadata collected in the catalog are stored in PostgreSQL/PostGIS database. Metadata about GeoWeb services have usually part that is georeferenced (better say GeoWeb service is usually connected to some particular area). That was the reason for PostGIS. We can use SQL for spatial searching of GeoWeb services. Searching in the catalog is available via web page or via JUMP Workbench Plugin (SOAP connection). We are planning to use JUMP Workbench as a platform for building and running GeoWeb services orchestras, but the decision has not been done yet (uDIG looks promising as well). We would like to connect GeoNetwork Open Source to our catalog to be able serve metadata according to OGC and ISO standards.

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