



Second International Workshop on REsource Discovery August 28th, 2009, Lyon, France

A *resource* corresponds to an information source such as a data repository or database management system (e.g., a query form or a textual search engine), a link between resources (an index or hyperlink), or a service such as an application or tool. Resources are characterized by core information including a name, a description of its input and its output (parameters or format), its address, and various additional properties expressed as metadata. *Resource discovery* is the process of identifying and locating existing resources that have a particular property. Machine-based resource discovery relies on crawling, clustering, and classifying resources discovered on the Web automatically. Resources are organized with respect to metadata that characterize their content (for data sources), their semantics (in terms of ontological classes and relationships), their characteristics (syntactical properties), their performance (with metrics and benchmarks), their quality (curation, reliability, trust), etc. Resource discovery systems allow the expression of queries to identify and locate resources that implement specific tasks.

The Second International Workshop on Resource Discovery co-located with VLDB aims at bringing together researchers, developers, and practitioners to discuss research issues and experience in developing and deploying concepts, applications, and solutions addressing various issues related to resource discovery. Papers presenting either theoretical or applicative material are expected. Because of the dynamic research and development effort towards supporting resource discovery for the life sciences, we expect to receive many contributions in the scope of this very exciting application domain. However, we encourage the submission of generic solutions or the presentation of application experiences other than related to life sciences.

Topics of interest include (but are not limited to):

- Classification, indexing, registration, and publication of resources
- Resource metadata, semantics, statistics, digests, relevance measures, and metrics
- Data and data source discovery
- Service publication standards (UDDI, OWL-S, etc.), Web services, BioMoby services
- Resource Discovery and ontologies
- Resource Discovery query languages
- Discovering resource on the public Web, on the private Web, on a grid
- Discovering agents, peers, services
- Querying against integrated discovered resources
- Cost-models for Resource Discovery
- Optimization and Resource Discovery
- QoS-based Resource Discovery
- Discovering and composing resources

Workshop key dates

Abstract submission deadline	May 10 th , 2009
Submission deadline:	May 24 th , 2009
Acceptance notification:	June 20 th , 2009
Camera ready:	June 30 th , 2009
Maximum number of pages:	15 pages (long) and 8 pages (short) in LNCS format
Submission Web site	https://www.easychair.org/login.cgi?conf=red2009
Workshop Web site	http://bioinformatics.eas.asu.edu/RED/red2009.html