



# SEALS SEMANTIC EVALUATION AT LARGE SCALE

2<sup>ND</sup> INTERNATIONAL EVALUATION CAMPAIGN FOR SEMANTIC TECHNOLOGIES  
CALL FOR PARTICIPATION

## The 2011-2 Evaluation Campaign

Following the success of the SEALS 1<sup>st</sup> International Evaluation Campaign, whose results are released at the IWEST workshop at ISWC 2010 (November 2010, see for more information <http://oeg-lia3.dia.fi.upm.es/iwest2010>) SEALS is pleased to announce the 2nd SEALS Evaluation Campaign opening in July 2011. Participation is open to all and will continue to focus on benchmarking **five** core technology areas on the basis of various criteria, e.g.: Interoperability, Scalability, Usability, Conformance to standards, Efficiency.

## Technology areas

### Ontology Engineering Tools

A set of evaluations defined with the goal of evaluating the conformance, interoperability and scalability of ontology engineering tools (both ontology editors and ontology management frameworks and APIs).

### Semantic Search Tools

A set of evaluations focused on query expressiveness, usability (effectiveness, efficiency, satisfaction) and scalability.

### Semantic Web Services (SWS)

A set of evaluations which will test and compare SWS discovery tools/matchmakers on retrieval performance.

### Ontology Matching Tools

A set of evaluations concerned with the competency of matching systems with respect to the criteria of conformance and efficiency.

### Ontology Storage and Reasoning Tools

A set of evaluations assessing interoperability and performance of description logic reasoners.

Details of each area's evaluation scenarios and methodology can be found at:

<http://www.seals-project.eu/seals-evaluation-campaigns>

Each area's campaign will be largely automated and executed on the SEALS Platform thus reducing the overhead normally associated with such evaluations.

## Why get involved?

Broadly speaking, the benefits are threefold.

*Firstly*, participation in the evaluation campaigns provides you with a respected and reliable means of benchmarking your semantic technologies. It provides an independent mechanism for demonstrating your tool's abilities and performance to potential adopters / customers.

*Secondly*, since you will have perpetual, free-of-charge access to the SEALS Platform, it gives you the highly valuable benefit of being able to regularly (and confidentially) assess the strengths and weaknesses of your tool relative to your competitors as an integral part of the development cycle.

*Thirdly*, your participation benefits the wider community since the evaluation campaign results will be used to create 'roadmaps' to assist adopters new to the field to determine which technologies are best suited to their needs thus improving general semantic technology market penetration.

## How to get involved

Joining the SEALS Community is easy and poses no obligations. Indeed, by being a member of the community you receive the latest information about the evaluation campaign including details of newly published data sets, tips and advice on how to get the most out of your participation and the availability of results and analyses. Join now by going to:

<http://www.seals-project.eu/join-the-community>

## Foreseen Timeline for the 2<sup>nd</sup> campaign

July 2011	Registration opens
August-September	Data, documentation available
October	Participants upload tool(s)
December	Evaluations executed
February	Results analysis (by SEALS)
April 2012	Release of evaluation results

## About SEALS

The SEALS Project has developed a reference infrastructure known as the **SEALS Platform** to facilitate the formal evaluation of semantic technologies. This allows both large-scale evaluation campaigns to be run (such as the one described in this flyer) and ad-hoc evaluations by individuals or organizations.

Use of the SEALS Platform and associated technologies is **free of charge** and all code is Open Source (Apache 2.0).

## Find out more

More information about SEALS and the evaluation campaign can be found from the SEALS portal:

<http://www.seals-project.eu>

If you would like to contact us directly:

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