

# Semantic Web Challenge 2010

## Call for Submissions

We invite submissions to the seventh annual Semantic Web Challenge, the premiere event for demonstrating practical progress towards achieving the vision of the Semantic Web.

The central idea of the Semantic Web is to extend the current human-readable web by encoding some of the semantics of resources in a machine-processable form. Moving beyond syntax opens the door to more advanced applications and functionality on the Web. Computers will be better able to search, process, integrate and present the content of these resources in a meaningful, intelligent manner.

As the core technological building blocks are now in place, the next challenge is to show off the benefits of semantic technologies by developing integrated, easy to use applications that can provide new levels of Web functionality for end users on the Web or within enterprise settings. Applications submitted should demonstrate clear practical value that goes above and beyond what is possible with conventional web technologies alone.

The Semantic Web Challenge 2010 will consist of two tracks: the **Open Track** and the **Billion Triples Track**. The key difference between the two tracks is that the Billion Triples Track requires the participants to make use of the data set — 3.2 billion triples this year — provided by the organizers. The Open Track has no such restrictions.

### What is the goal?

The overall goal of this event is to advance our understanding of how semantic technologies can be exploited to produce useful applications for the Web. Semantic Web applications should integrate, combine, and deduce information from various sources to assist users in performing specific tasks.

The specific goal of the Billion Triples Track is to demonstrate the scalability of applications as well as the capability to deal with the specifics of data that has been crawled from the public Web. We

stress that the goal of this is not to be a benchmarking effort between triple stores, but rather to demonstrate applications that can work on Web scale using realistic Web-quality data.

### How is the challenge organized?

Intentionally, the challenge does not define a specific task or application domain because the potential applicability of the Semantic Web is very broad. Instead, a number of minimal criteria have been defined which allow participants to submit a broad range of applications. In addition to the criteria, a number of specific desires have been formulated. The more desires are met by the application, the higher the score will be. Please visit the website for details on the minimal criteria and desirable features for each track. The website also lists previous entries to the Challenge.

The Semantic Web Challenge Advisory Board will act as a jury and award the best applications at the ISWC conference. The board consists of experts working at universities and in private industry.

### How to participate

Visit <http://challenge.semanticweb.org> for more information and to register for the Semantic Web Challenge. The registration form will be open until **October 1, 2010**, 12am (midnight) CET.

All participants will be asked to give a demonstration of their application at the ISWC 2010 conference in Shanghai, China.

### Prizes

Total prize money of 3500 euros will be awarded to the winners. The best applications will also have a chance to appear as full papers in the Journal of Web Semantics.

### Organizers

Christian Bizer, Freie Universität Berlin  
Diana Maynard, University of Sheffield

### Sponsor

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