



#### The Austrian Industrial Research Promotion Fund (FFG)

The Austrian Industrial Research Promotion Fund (formerly known as FFF) has been Austria's most important source of finance for research and development projects carried out by industry. Since 1968, FFG has provided financial assistance of € 2.77 billion to 19. 154 research projects.



#### FIT-IT

FIT-IT, short for Research, Innovation, Technology Information Technology, is an Austrian research program that focuses on high-quality research in the area of information and communication technology. As an initiative of the Austrian Federal Ministry of Transport, Innovation, and Technology, the program will offer more than € 8 million.



#### Tirolean Future Foundation (Zukunftsstiftung)

The Tirolean Future Foundation supports Tirol's best resource - its people - by setting up and supporting training opportunities, creating general operating conditions and structures, enabling entrepreneurial success, creating platforms and facilities for the transfer of knowledge and technology.



#### Information Society Technologies (IST)

European research activities are structured around consecutive four-year programmes, or so-called Framework Programmes. The Sixth Framework Programme (FP6) sets out the priorities - including the IST Priority - for the EU's research, technological development and demonstration (RTD) activities for the period 2003-2006.

#### Digital Enterprise Research Institute



#### Contact

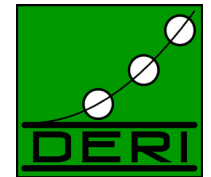
DERI Innsbruck  
Univ.-Prof. Dr. Dieter Fensel  
Technikerstraße 21a  
6020 Innsbruck  
Austria

Web: <http://www.deri.at>  
E-Mail: [office@deri.at](mailto:office@deri.at)  
Phone: +43 (0) 512-507 6488  
Fax: +43 (0) 512-507 9872

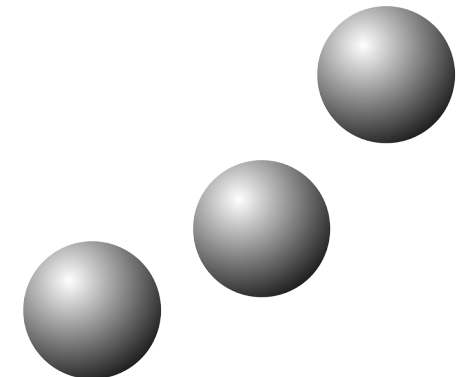
DERI Innsbruck is part of the Institute of Computer Science at the University of Innsbruck.



[www.deri.at](http://www.deri.at)



The major objective of the Digital Enterprise Research Institute (DERI) is to bring current Web technology to its full potential by combining and improving recent trends around the Web.



Tim Berners-Lee, Director of the World Wide Web Consortium, referred to the future of the current WWW as the „Semantic Web“ - an extended Web of machine-readable information and automated services that extend far beyond current capabilities. The explicit representation of the semantics underlying data, programs, pages, and other Web resources, will enable a knowledge-based Web that provides a qualitatively new level of service. Automated services will improve in their capacity to assist humans in achieving their goals by „understanding“ more of the content on the Web, and thus providing more accurate filtering, categorizing, and searching for information sources. This process will ultimately lead to an extremely knowledgeable system that features various specialized reasoning services. These services will support us in nearly all aspects of our daily life - making access to information as pervasive, and necessary, as access to electricity is today.

At DERI Innsbruck, we focus our research and innovation on new methods for eWork and eCommerce providing contributions to ontology-based enterprise application integration and general aspects related to middleware industry leading to the automatic creation and execution of supply chains in the form of virtual enterprises. Our objective is to bring current web technology to its full potential for this ultimate goal via the Semantic Web, Web Services, and Semantic Web enabled Web Services. These technologies, in conjunction with ontology-based enterprise application integration, and automatically forming and operating virtual enterprises, are key enablers for a prospering knowledge-based society and economy. In cooperation with DERI Galway, we have the mission to become the world leading research institute in this area, which is one of the most challenging areas of applied computer science in these days. It is about developing a new infrastructure for eWork and eCommerce. The potential impact of this technology to the market is enormous.



**Web Service Modeling Ontology**

<http://www.wsmo.org/>



**Web Service Modeling Language**

<http://www.wsmo.org/wsml>



**Web Service Execution Environment**

<http://www.wsmx.org/>



**E-Tourism working Group**

<http://e-tourism.deri.at/>



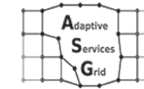
**Ontology Management Working Group**

<http://www.omwg.org/>



**Semantic Web Portal Project**

<http://sw-portal.deri.at/>



**Adaptive Services Grid**

<https://asg-platform.org>



**DIP Integrated Project**

<http://dip.semanticweb.org/>



**enhanced Information Retrieval and Filtering for Analytical Systems**

<http://eniraf.mis.ae.poznan.pl/>



**Esperanto Services**

<http://esperanto.semanticweb.org/>



**InfraWebs**

<http://www.infrawebs.org/>



**Knowledge Web**

<http://knowledgeweb.semanticweb.org/>



**LBScult**

<http://www.lbscult.net/>



**Semantic Web enabled Web Services**

<http://swws.semanticweb.org/>



**Semantically-Enabled Knowledge Technologies**

<http://sekt.semanticweb.org/>

**For further information on projects, visit**

<http://www.deri.at/research/projects>