



Data, Information and Process Integration
with Semantic Web Services

DIP

Data, Information and Process Integration with Semantic Web Services

FP6 - 507483

WP 14: Training

D14.1

External WSMO Tutorials

Sinuhe Arroyo

Jos de Bruijn

Christoph Bussler

Liliana Cabral

John Domingue

Stefania Galizia

Matthew Moran

Enrico Motta

Michael Stollberg

Vlad Tanasescu

Michal Zaremba



July 12th, 2005

EXECUTIVE SUMMARY

This document describes full and half day WSMO tutorials at high profile venues including the AIMSAs conference in Varna, Bulgaria, the NetObjectDays conference in Erfurt, Germany, the International Semantic Web conference in Hiroshima Japan, and the European Semantic Web Symposium in Heraklion, Crete. These tutorials contain a hands-on session and pointers to the used slides are provided, accessible from a public web site.

Document Information

IST Project Number	FP6 – 507483	Acronym	DIP
Full title	Data, Information, and Process Integration with Semantic Web Services		
Project URL	http://dip.semanticweb.org		
Document URL			
EU Project officer	Kai Tullius		

Deliverable	Number	14.1	Title	External WSMO Tutorials
Work package	Number	14	Title	Training

Date of delivery	Contractual	M 18	Actual	July 12 th , 2005
Status	version. 1.00		final	<input checked="" type="checkbox"/>
Nature	Prototype <input type="checkbox"/> Report <input checked="" type="checkbox"/> Dissemination <input type="checkbox"/> Ontology <input type="checkbox"/>			
Dissemination Level	Public <input type="checkbox"/> Consortium <input checked="" type="checkbox"/>			







Authors (Partner)	OU			
Responsible Author	Vlad Tanasescu		Email	v.tanasescu@open.ac.uk
	Partner	OU	Phone	+44 1908 655412

Abstract (for dissemination)	WP14 is about introduction and training to WSMO. This document provides describes the tutorials held at high profile venues aimed as experts as well as beginners in the field.
Keywords	WSMO tutorials

Version Log			
Issue Date	Rev No.	Author	Change
12.07.2005	001	Vlad Tanasescu	Creates initial version of the Document
	002		
	003		
	004		

Project Consortium Information

Partner	Acronym	Contact
National University of Ireland Galway	NUIG 	Prof. Dr. Christoph Bussler Digital Enterprise Research Institute (DERI) National University of Ireland, Galway Galway Ireland Email: chris.bussler@deri.org Tel: +353 91 512460
Fundacion De La Innovacion.Bankinter	Bankinter 	Monica Martinez Montes Fundacion de la Innovacion. BankInter Paseo Castellana, 29 28046 Madrid, Spain Email: mmtnez@bankinter.es Tel: 916234238
Berlecon Research GmbH	Berlecon 	Dr. Thorsten Wichmann Berlecon Research GmbH Oranienburger Str. 32 10117 Berlin, Germany Email: tw@berlecon.de Tel: +49 30 2852960
British Telecommunications Plc.	BT 	Dr John Davies BT Exact (Orion Floor 5 pp12) Adastral Park Martlesham Ipswich IP5 3RE, United Kingdom Email: john.nj.davies@bt.com Tel: +44 1473 609583
Swiss Federal Institute of Technology, Lausanne	EPFL 	Prof. Karl Aberer Distributed Information Systems Laboratory École Polytechnique Fédérale de Lausanne Bât. PSE-A 1015 Lausanne, Switzerland Email : Karl.Aberer@epfl.ch Tel: +41 21 693 4679
Essex County Council	Essex 	Mary Rowlett, Essex County Council PO Box 11, County Hall, Duke Street Chelmsford, Essex, CM1 1LX, Uk Email: maryr@essexcc.gov.uk Tel: +44 (0)1245 436524

<p>Forschungszentrum Informatik</p>	<p>FZI</p> 	<p>Andreas Abecker Forschungszentrum Informatik Haid-und-Neu Strasse 10-14 76131 Karlsruhe Germany Email: abecker@fzi.de Tel: +49 721 9654 0</p>
<p>Institut für Informatik, Leopold-Franzens Universität Innsbruck</p>	<p>UIBK</p> 	<p>Prof. Dieter Fensel Institute of computer science University of Innsbruck Technikerstr. 25 A-6020 Innsbruck, Austria Email: dieter.fensel@deri.org Tel: +43 512 5076485</p>
<p>ILOG SA</p>	<p>ILOG</p>  <p>Changing the rules of business</p>	<p>Christian de Sainte Marie 9 Rue de Verdun, 94253 Gentilly, France Email: csm@ilog.fr Tel: +33 1 49082981</p>
<p>inubit AG</p>	<p>Inubit</p>  <p>the integration experts</p>	<p>Torsten Schmale inubit AG Lützowstraße 105-106 D-10785 Berlin Germany Email: ts@inubit.com Tel: +49 30726112 0</p>
<p>Intelligent Software Components, S.A.</p>	<p>iSOCO</p> 	<p>Dr. V. Richard Benjamins, Director R&D Intelligent Software Components, S.A. Pedro de Valdivia 10 28006 Madrid, Spain Email: rbenjamins@isoco.com Tel. +34 913 349 797</p>
<p>NIWA WEB Solutions</p>	<p>NIWA</p> 	<p>Alexander Wahler NIWA WEB Solutions Niederacher & Wahler OEG Kirchengasse 13/1a A-1070 Wien Email: wahler@niwa.at Tel:+43(0)1 3195843-11 </p>





<p>The Open University</p>	<p>OU</p>  <p>The Open University</p>	<p>Dr. John Domingue Knowledge Media Institute The Open University, Walton Hall Milton Keynes, MK7 6AA United Kingdom Email: j.b.domingue@open.ac.uk Tel.: +44 1908 655014</p>
<p>SAP AG</p>	<p>SAP</p> 	<p>Dr. Elmar Dörner SAP Research, CEC Karlsruhe SAP AG Vincenz-Priessnitz-Str. 1 76131 Karlsruhe, Germany Email: elmar.dorner@sap.com Tel: +49 721 6902 31</p>
<p>Sirma AI Ltd.</p>	<p>Sirma</p>  <p>Ontotext Knowledge and Language Engineering Lab of Sirma</p>	<p>Atanas Kiryakov, Ontotext Lab, - Sirma AI EAD Office Express IT Centre, 3rd Floor 135 Tzarigradsko Chausse Sofia 1784, Bulgaria Email: atanas.kiryakov@sirma.bg Tel.: +359 2 9768 303</p>
<p>Unicorn Solution Ltd.</p>	<p>Unicorn</p> 	<p>Jeff Eisenberg Unicorn Solutions Ltd, Malcha Technology Park 1 Jerusalem 96951 Israel Email: Jeff.Eisenberg@unicorn.com Tel.: +972 2 6491111</p>
<p>Vrije Universiteit Brussel</p>	<p>VUB</p>  <p>Vrije Universiteit Brussel</p>	<p>Pieter De Leenheer Starlab- VUB Vrije Universiteit Brussel Pleinlaan 2, G-10 1050 Brussel ,Belgium Email: Pieter.De.Leenheer@vub.ac.be Tel.: +32 (0) 2 629 3749</p>

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1 INTRODUCTION

This document describes 6 full and half day presentations of state of the art Semantic Web Services concepts (WSMO, OWL-S) and implementations (WSMX, IRS-III, WSMO4J) including hands-on sessions. These tutorials were held at several international venues:

- **SSSW 2004** - 18th-24th July 2004
- **AIMSA 2004** - 1st September 2004
- **Net Object Days 2004** - 27th September 2004
- **ISWC 2004** - 6th November 2004
- **ESWC 2005** - May 29 - June 1, 2005
- **SSSW 2005** - 10th-16th July 2005

The tutorials were aimed, depending on the venue, at newcomers to the field as well as experts. Information about the tutorials as well as the accompanying slides can be obtained from the following public URL:

<http://kmi.open.ac.uk/projects/dip/index.html#events>

The following sections describe the characteristics of the tutorials in event chronological order, and provide pointers to slide sets when available.

2 THE SECOND EUROPEAN SUMMER SCHOOL ON ONTOLOGICAL ENGINEERING AND THE SEMANTIC WEB (SSSW'2004)

The tutorial was held during the Second European Summer School on Ontological Engineering and the Semantic Web in Madrid, Spain, which took place between the 18th and the 24th July 2004.

It provided the audience, mostly PhD students in the field, with an overview of semantic web services using IRS-II and outlined WSMO.

2.1 Slide Set

- Theory (Powerpoint document):
<http://kmi.open.ac.uk/projects/dip/resources/SSSW04/semantic%20web%20services.ppt>
- Hands-on session (Powerpoint document):
<http://kmi.open.ac.uk/projects/dip/resources/SSSW04/preparation%20for%20semantic%20web%20services%20hands-on%20session%20final.ppt>

3 ARTIFICIAL INTELLIGENCE: METHODOLOGY, SYSTEMS, AND APPLICATIONS: 11TH INTERNATIONAL CONFERENCE (AIMSA 2004)

The tutorial was held during the Eleventh International Conference on Artificial Intelligence: Methodology, Systems, Applications - Semantic Web Challenges - AIMSA 2004, Varna, Bulgaria, in September 2004.

This full day tutorial was attended by 25 participants. It aimed at giving an overview of the conceptual structure of WSMO.

3.1 Slide Set

- Powerpoint document:
<http://www.wsmo.org/2004/d17/v0.1/20041008/resources/aimsa04/20040901.ppt>
- Acrobat document:
<http://www.wsmo.org/2004/d17/v0.1/20041008/resources/aimsa04/20040901.pdf>

4 NET.OBJECTDAYS 2004 (NODE'04)

The tutorial was held during the Fifth Net Object Days, in Erfurt, Germany, September 27th - 30th, 2004. Presented to 10 'experts' in the field, this full day tutorial focused on a description of the conceptual structure of WSMO as well as of its implementation (IRS-III, WSMX, WSMO4J, SWWS Studio).

4.1 Slide Set

- The whole tutorial has been recorded on video:
<http://stadium.open.ac.uk/stadia/preview.php?s=35&whichevent=542>
- Powerpoint document:
http://www.wsmo.org/2004/d17/v0.1/20041008/resources/netobjectdays04/WSMO_Tutorial-netobjectdays-20040927.ppt
- Acrobat document:
http://www.wsmo.org/2004/d17/v0.1/20041008/resources/netobjectdays04/WSMO_Tutorial-netobjectdays-20040927.pdf

5 3RD INTERNATIONAL SEMANTIC WEB CONFERENCE (ISWC 2004)

The tutorial was held during the Third International Semantic Web Conference, Hiroshima, Japan, November 06th - 11th, 2004. Attended by 'experts' in the field, the tutorial focused on comparisons between WSMO and OWL-S regarding their approach to Semantic Web Services.

6 2ND ANNUAL EUROPEAN SEMANTIC WEB CONFERENCE (ESWC 2005)

Held during the 2nd Annual European Semantic Web Conference, Heraklion, Crete May 29 – June 1, 2005, the tutorial focused on comparisons between WSMO and OWL-S as well as presentation and hands-on session of the WSMO tools (IRS-III).

7 THE THIRD SUMMER SCHOOL ON ONTOLOGICAL ENGINEERING AND THE SEMANTIC WEB (SSWC'2005)

The tutorial was held during the Third Summer School on Ontological Engineering and the Semantic Web, in Cercedilla, Spain, which took place between the 10th and the 16th July 2005.

It provided the audience, mostly PhD students in the field, with an overview of semantic web services and WSMO using IRS-III.

7.1 Slide Set

- Theory (Powerpoint document):
<http://kmi.open.ac.uk/projects/dip/resources/SSSW05/semantic%20web%20services%20final.ppt>
- Hands-on session (Powerpoint document):
<http://kmi.open.ac.uk/projects/dip/resources/SSSW05/Hands-On%20Session.ppt>