



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**

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July 12<sup>th</sup>, 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

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

<b>Deliverable</b>	<b>Number</b>	14.1	<b>Title</b>	External WSMO Tutorials
<b>Work package</b>	<b>Number</b>	14	<b>Title</b>	Training

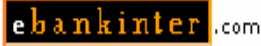
<b>Date of delivery</b>	<b>Contractual</b>	M 18	<b>Actual</b>	July 12 <sup>th</sup> , 2005
<b>Status</b>	version. 1.00		final	<input checked="" type="checkbox"/>
<b>Nature</b>	Prototype <input type="checkbox"/> Report <input checked="" type="checkbox"/> Dissemination <input type="checkbox"/> Ontology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







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<b>Abstract (for dissemination)</b>	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.
<b>Keywords</b>	WSMO tutorials

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

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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 18<sup>th</sup> and the 24<sup>th</sup> 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](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](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 10<sup>th</sup> and the 16<sup>th</sup> 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>