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D13.3.1 First SOA4All Online Webcast

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PP	Restricted to other programme participants (including the Commission)	
RE	Restricted to a group specified by the consortium (including the Commission)	
CO	Confidential, only for members of the consortium (including the Commission)	

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Glossary of Acronyms

Acronym	Definition
D	Deliverable
OU	The Open University
SSAIE	Service and Software Architectures, Infrastructures and Engineering

Executive summary

This deliverable report describes the material produced in relation to SOA4All tutorials and that has been made available from the Web.

The tutorials and training events organised within the context of SOA4All are described in D13.2.1. Media resources were produced within the course of the delivery of some of these tutorials in the form of videos that were subsequently placed on the Web.

The media content available from the Web includes podcasts and videos of filmed tutorials. A number of additional resources are available on the Web resources, in the SOA4All training page in particular, such as slides and demonstration videos for tools.

1. Introduction

1.1 Introductory explanation of the deliverable

This deliverable report builds on a selection of tutorials and training activities related to SOA4All which took place during the M6-18 period. These activities are documented in D13.2.1. The present deliverable report presents a selection of Web content generated as a result of these activities.

1.2 Purpose and Scope

The purpose of this deliverable is to report on available Web content resulting from the delivery of SOA4All training activities building towards the elaboration of a first SOA4All tutorial webcast. The aim of the present report is to offer an overview of the material generated so far and highlight the ways in which future material may be produced, shaped and delivered on the Web.

1.3 Structure of the document

This document first presents a list of media content generated from the delivery of SOA4All training and sketches the main lines of subsequent releases that will demonstrate refinement.

2. SOA4All filmed training activities

2.1 Summary

During the last period, SOA4All partners have contributed to a significant number of training activities including the full-fledged organisation of Schools, the design and delivery of tutorials attached to conferences and workshop and an in-house academic course. The scope and modalities as well as a list of the training activities that took place in SOA4All are discussed in the related deliverable D13.2.1.

Among the training activities that were organised and delivered by SOA4All partners, a number were filmed and the video material which was recorded has been made available over the Web.

2.2 Podcasts

OU Podcast (<http://podcast.open.ac.uk/>) is the Open University's back-end system for collecting and distributing podcast feeds. It is on this technology that is built the iTunes U which has opened a new channel for Apple's iTunes in which universities have been able to release content.

2.2.1 Introduction to the Semantic Web (ISWC08)

The tutorial "Introduction to the Semantic Web" took place at the 7th International Semantic Web Conference (ISWC08) in October 2008. It was given in 9 sessions that were all filmed. The recording were turned into podcasts that have been made available from the event's website:

<http://kmi.open.ac.uk/events/iswc08-semantic-web-intro/>



ISWC 2008
Introduction to the Semantic Web Tutorial
26 - 30 October 2008

Introduction Speakers Sponsors and Acknowledgements Recording

Following on from the popular event at ISWC 2007 in Busan we are pleased to be in a position to run the Introduction to Semantic Web tutorial again at this year's ISWC.

As last year we are fortunate for this invited tutorial to have brought together a number of internationally leading researchers in the Semantic Web area. The goal for this tutorial is to give attendees an overview of the main concepts and issues in the area of the Semantic Web and Ontological Engineering. This tutorial builds upon the 6-year experience of successfully running week long summer schools within the KnowledgeWeb project (see <http://kmi.open.ac.uk/events/sss08/>).

Agenda

Time	Event
08.45	Welcome - John Domingus
09.00	Introduction to the Semantic Web - Jim Hendler In this overview Jim will cover the role of ontologies within the Semantic Web in particular covering two visions of the Semantic Web based on the use of ontologies.
09.45	An Introduction to OWL - Sean Bechhofer Starting with an overview of the requirements for defining and using ontologies on the Web, Sean will then outline the main concepts and issues associated with the

Figure 1 Webpage of the Introduction to the Semantic Web Tutorial ISWC08. Videos are accessed following the "Recording" link.



Figure 2 Videos available from the tutorial's webpage.

Moreover, the recording can all be found as a series of their own on the OU podcast website at:

<http://podcast.open.ac.uk/pod/iswc08-semantic-web-intro/>

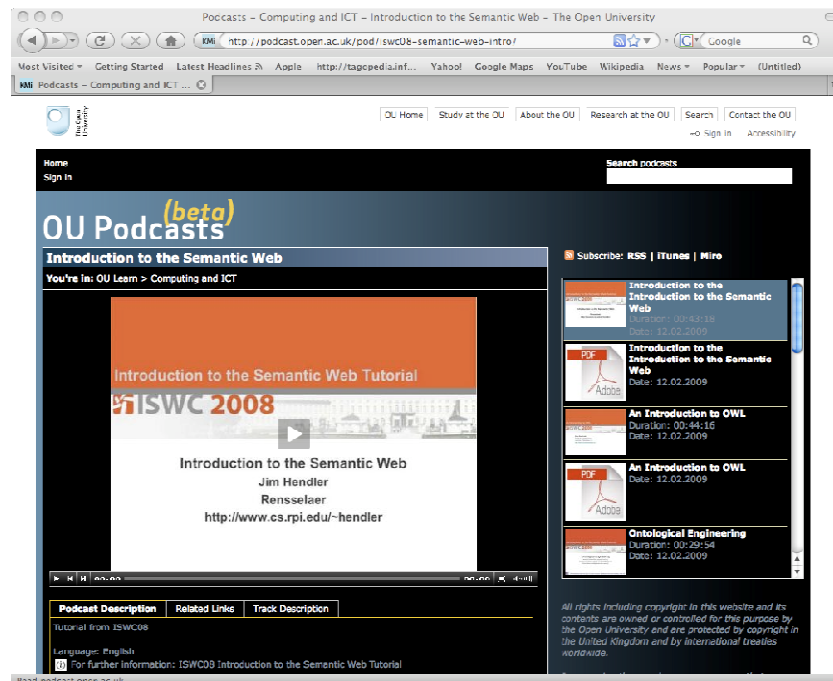


Figure 3 Starting point for the ISWC08 tutorial videos on OU Podcast. A menu on the right allows navigating the content. PDF slides for the corresponding lecture can be downloaded.

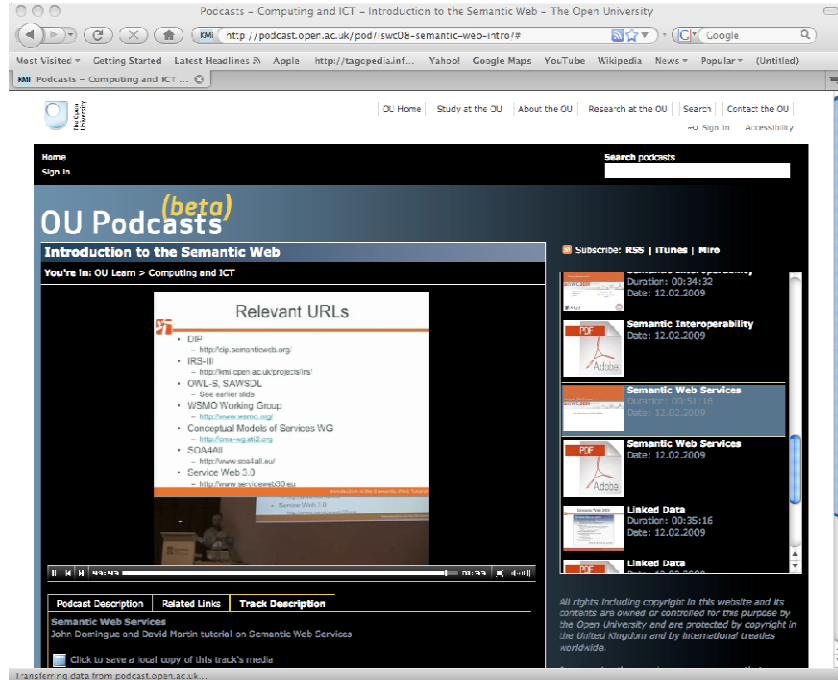


Figure 4 Running Video. This video can be downloaded for watching offline (link at bottom).

2.2.2 First Semantic Web Winter Retreat

The First Semantic Web Winter Retreat took place in March 2009. It occurred over 5 days and featured 20 sessions. The event’s website features some multimedia content, it can be accessed through the following link:

<http://education.sti2.org/events/sws-retreat-09/>

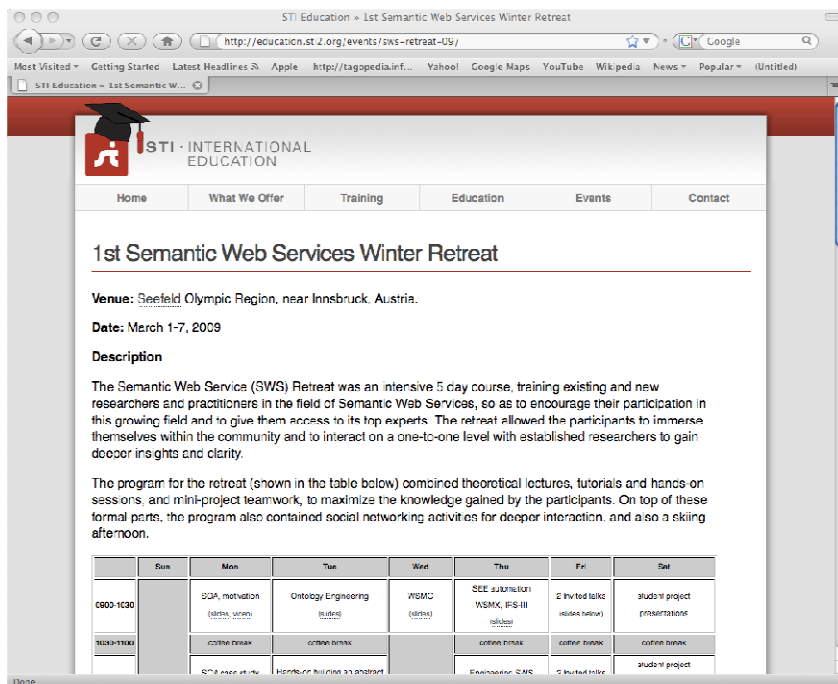


Figure 5 Webpage of the First Semantic Web Winter Retreat.

In this case, podcasts have been created as a combination of a slide show together with the recorded audio feed of the presentations. These may be found as a series of their own on the OU podcast website at:

<http://podcast.open.ac.uk/pod/sws-winter-retreat>

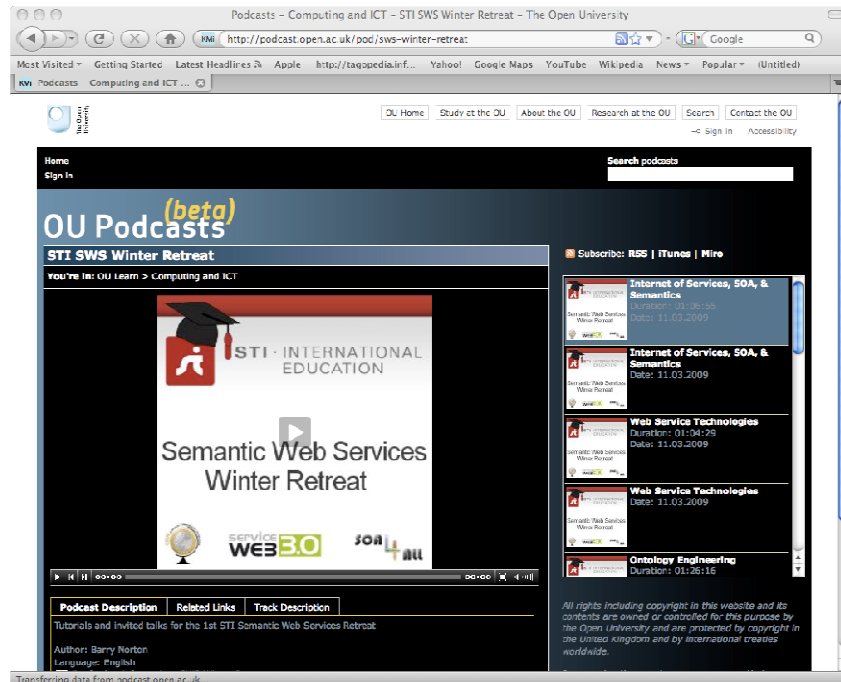


Figure 6 Starting point for the Winter Retreat videos available on OU Podcasts.

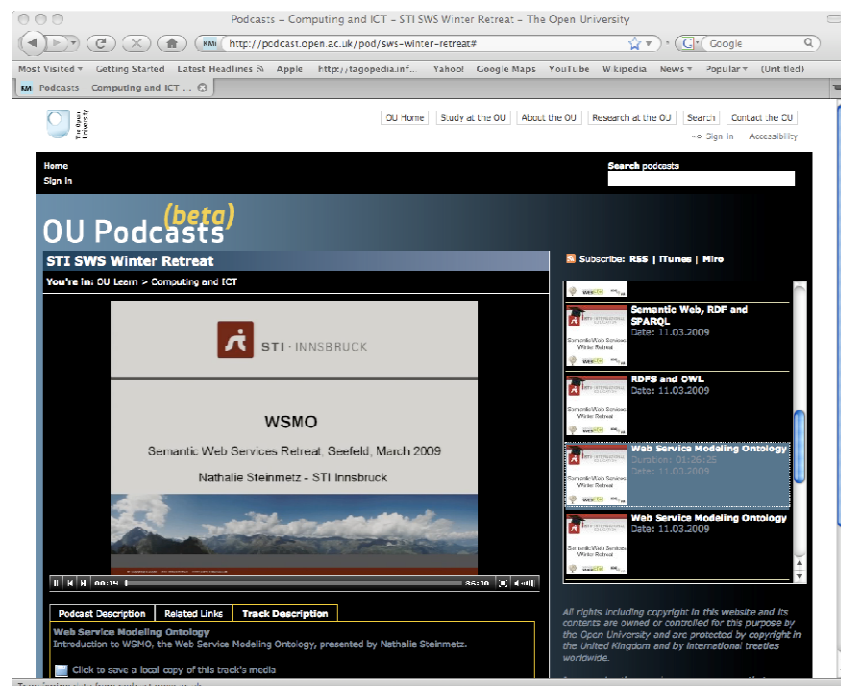


Figure 7 Running Video. This video can be downloaded for watching offline (link at bottom).

2.3 Videos on the Web

An SOA4All tutorial was given at the Service and Software Architectures, Infrastructures and Engineering (SSAIE) Summer School in June 2009. It was filmed and the recording were put online and linked at the following location:

http://www.ssme2009.tsl.gr/index.php?option=com_content&task=view&id=33&Itemid=74

This material also forms the basis of the featured training material on the SOA4All website and is being placed on the SOA4All training page as the project has the right to reuse this content:

<http://www.SOA4All.eu/training.html>

2.4 Additional Web content

Additional web content issued from training activities include:

- Slide sets that are made available for download
- Tool demonstration in the form of movies

The SOA4All website features already in its training section a downloadable set of slides presented at the SSAIE Summer school. It also features demonstration movies for tools, e.g. SWEET and the provision platform. As this part of the website evolves, more material in going to be made available. This page can be accessed following the link:

<http://www.SOA4All.eu/training.html>

The material can serve as standalone Web accessible training material to prospective users. It can also be used to support the delivery of tutorials. Finally, it will serve the development and refinement of further training material.

3. SOA4All training resources for the Web

There are a few kinds of training resource that can be produced either for the purpose of Web content delivery or on the basis of actual tutorial events. Given resources and ongoing or planned activities, the privileged way of producing content is likely to remain through the organisation of tutorials at conferences and workshops. But other means are not to be excluded pending the evaluation of their feasibility.

3.1 Recorded lectures

Recording lectures is the most efficient approach to producing multimedia Web content for the project. Recorded lecture can be broadcasted in a variety of ways. They can be turned into podcasts for feeding into existing channels (OU Podcast, iTunes U). They can also be made available for watching online or downloading for offline watching. Two examples are given in this report: the ISWC08 tutorial with lectures available on the OU Podcast site and the SSAIE videos that are being placed on the SOA4All website.

3.2 Combining slide set and audio feeds

In certain cases, when an audio feed has been recorded during a presentation, the technology exists to combine a slide show and its accompanying audio stream. The material featured on the OU Podcast site from the Winter Retreat is an example of this.

3.3 Slide set

Slide sets can also be uploaded, for example to the SOA4All website, and downloaded for inspection. The material featured on the OU Podcasts site exemplifies this possibility.

3.4 Demonstration videos

As an outcome of tool development and the support for tool demonstration in tutorials, videos displaying tool functionalities can be made available from the Web. Such demonstration videos are already available from dedicated websites and from the SOA4All website.

4. Future work

Future work will consist in pursuing the following items:

1. Produce more recording of lectures given of SOA4All tutorials.
2. Edit videos as movies or combination of slide shows with audio feed.
3. Publish material through a variety of channels such as:

OU Podcasts: a platform for maintaining multimedia feeds for reading, e.g. on iPods.

<http://podcast.open.ac.uk/> (Figure 8)

The Open University iTunes U:

<http://www.open.ac.uk/itunes/> (Figure 9)

Stadium: a platform designed for broadcasting live events and allowing for replaying audio or audio and video streams.

<http://stadium.open.ac.uk/webcast-ou/> (Figure 10)

YouTube channel of The Open University

<http://www.youtube.com/user/TheOpenUniversity> (Figure 11)

4. Explore collaboration for producing Web-accessible training material.

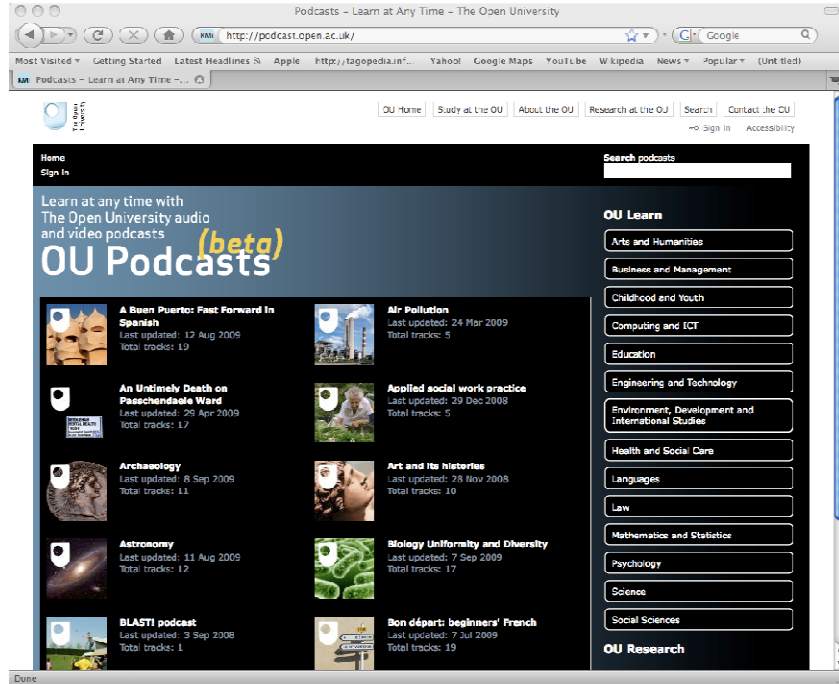


Figure 8 OU Podcast website (<http://podcast.open.ac.uk>).



Figure 9 OU iTunes U (<http://www.open.ac.uk/itunes/>)

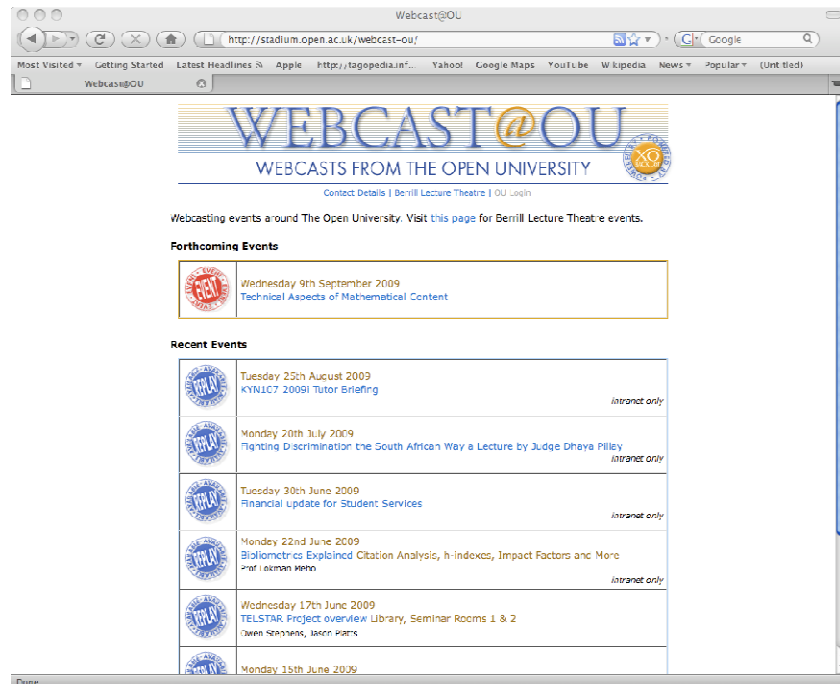


Figure 10 OU Webcasts with Stadium technology (<http://stadium.open.ac.uk/webcast-ou/>).



Figure 11 OU YouTube channel (<http://www.youtube.com/user/TheOpenUniversity>).

5. Conclusions

In this report, the Web content generated by training activities related to SOA4All during the past period was presented. This material is available in the form of recorded lectures, sets of slides, software prototypes demonstration movies. As the tutorial evolves and as more recording opportunities arise, the material will give rise to a more sophisticated presentation facilitating the spread of SOA4All training material on the Web.