



D15.1.6 30 month management report to Commission

John Davies, BT

Abstract

This report describes the status of SEKT at month 30, including describing the status of each workpackage and task. It also lists all dissemination activities during the 6 months from month 25 to month 30 inclusive.

WP15 Consortium management

Report

Contractual date of delivery 30/06/06

RE

Actual date of delivery 04/08/06

SEKT Consortium

This document is part of a research project partially funded by the IST Programme of the Commission of the European Communities as project number IST-2003-506826.

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Executive Summary

This report summarises the progress on the SEKT project during the period M25 to M30 inclusive.

At the beginning of the six-month period, 37 M24 deliverables were submitted to the Commission. Only one of these failed to be marked at least 'Good', and 21 deliverables were marked 'Very Good'.

In the third year of the project, a major focus of the project is on validating the case studies. A three-phase approach is being used, based on initial checklists, followed by cognitive walk-throughs and then trials with representative users.

During its third year, SEKT is also placing increased emphasis on dissemination to the IT and business community. For example, in May SEKT jointly organised an industry day at WWW2006. At the same time, SEKT is continuing its high level of dissemination activity to the scientific community. As part of this activity, a book, *Semantic Web Technologies*, has been published.

There has also been significant intellectual property activity, with BT filing 4 patent applications.

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Progress

At the beginning of this six month period 37 M24 deliverables were delivered to the Commission. All except were on-time, with the exception of three which were delayed because of an accident which incapacitated a key member of the project team (Tom Bösser). Before submission to the Commission, SEKT deliverables are subject to a formal internal review. As a result of this review, only one M24 deliverable did not achieve at least the 'Good' category; and 21 deliverables were marked 'Very Good'.

In addition to work on the various technical deliverables, attention in the 3rd year of the project is focussing on validating the technology through the case studies. A three-phased approach to usability evaluation is being adopted. In the first phase, checklists are being used to identify and overcome obvious design defects. This is being followed by a cognitive walk-through which identifies further problems. The final stage, in general during the second half of the year, will be trials with representative users.

The 3rd year of SEKT is seeing a widening of the dissemination activity, i.e. beyond the scientific community. For example, in March, BT presented on the SEKT project at the 2006 Semantic Technology Conference in California. This conference, which had 600 attendees, had a strong industrial bias. During this period there has also been considerable activity in preparation for the joint SEKT / AKT Industry Day at WWW2006.

Scientific dissemination remains strong, and this period has seen the publication of a book, *Semantic Web Technologies*, which draws on the state-of-the-art deliverables prepared in the earlier stages of the project.

1.1 Deliverables

No.	Deliverable Title	Current status (completed / underway)	Original Completion Date	Actual / planned completion date	Comment
WP1 Ontology learning					
1.11.1	Ontology generation from social networks data – software V1.0	Underway	30	30	We have developed a design of prototype software for creating conceptual structures (with classes and relations) from large social networks/graphs. We have collected, pre-processed and cleaned the data on E-mail graph of JSI for several years (the idea is to model development of a social structure of an organization observed through email communication) and Graph of co-authorships retrieved from Google Scholar. We are considering collecting Wikipedia entities co-reference as an additional dataset. We are concluding implementation of the prototype that connects our Text Garden library with Graph-Garden library (that we are developing in collaboration with CMU).
1.12.1	Ontology generation from scratch – software V2.0	Underway	30	30	We have extended OntoGen (D1.7) to include support for simultaneous ontologies (based on D1.9.1), automatic suggestion of relations (based on D1.10.1) in addition to concepts, extension of ontology with new instances (based on D1.5.1), semi-automatic forming of sub-concepts (based on D1.2.1), a new clustering method (based on D5.2.2). We have integrated OntoGen with OntoStudio (a software product of SEKT project partner OntoPrise).
1.13.1	Generation of ontologies from very large databases – software V1.0	Underway	30	30	We have developed a new machine learning approach that enables efficient population of a very large topic ontology based on document classification using the reduced set of models (compared to the usual approach also used in D1.5.1, where the number of models equals the number of concepts/topics in the topic ontology). We are concluding experimental evaluation of the developed approach.
1.14.1	Ontology generation for deep knowledge modelling – software V1.0	Underway	36	36	Studying publicly available deep parsers (LinkParser, MiniPar,...) to select one to be adapted for extraction of

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					subject-object-predicate triples. This will enable incorporating domain knowledge allow going beyond the bag-of-words representation. The work is partly based on the experience from past collaboration with Microsoft Research on document summarization extended to multi-document summarization. The intuition is to automatically extract core parts of the documents (summaries) and align them with a domain ontology.
1.15.1	Evaluation of ontology generation for case studies – report	Underway	36	36	We have identified a number of specific experiences of using the developed ontology generation prototypes on the case studies. Some of them were already taken into account in D1.12.1 – a new version of OntoGen – ontology generation tool.
1.16.1	Ontology generation survey – report	Underway	36	36	Working on organizing materials on what we have developed and learned about semi-automatic ontology creation in the project and the community.
WP2 Metadata generation					
2.1.3	Ontology aware adaptive IE V3	Underway	36	36	Experiments are continuing on scalability, speed optimisation and integration with the MSA tools.
2.2.2	Controlled Language IE V2	Underway	36	36	Working on extending the language to make it more powerful and user-friendly, and on generation of CL text from ontologies (to enable the round-trip CLIE process)
2.4.2	Metadata annotation tools V2	Underway	36	36	Demonstration version for demo-purposes expected by M33; completely finished by M36. The first interface (from OBIE to Ontology-Server) has been established. Annotation of documents and storage of annotated document in OBIE finished. Second interface for annotation: proposals in progress. GUI components to be done.
2.5.3	Quantitative Evaluation Tools and Corpora V3	Underway	36	36	Working on author name disambiguation and evaluation for the BT case study.
2.6.2	Massive Automatic Annotation V2	Underway	36	36	A preliminary version (informal deliverable) will be released by the end of July with the following features: <ul style="list-style-type: none"> • KIM Core DB; • KIM-cluster; • -OBIE integration.
2.6.3	A scalable repository for massive semantic annotation	Underway	36	36	This concerns file-based storage for OWLIM and further scaling in terms of numbers of statements. The latest progress is that

					OWLIM recently broke the 1 billion statement barrier.
WP3 Ontology and metadata management					
3.1.3	Incremental Ontology Evolution. V2	Underway	36	36	
3.2.3	Similarity Measures for Ontologies	Underway	36	36	
3.3.3	Data-driven Change Discovery V2	Underway	36	36	
3.4.3	Reasoning with Inconsistent Models V2		36		
3.5.2	Multi-version reasoning Evaluation		31		
3.5.3	Multi-version reasoning. V3		36		
3.6.3	Inconsistency diagnosis and repair V2		36		
WP4 Ontology mediation					
4.4.2	Report on Ontology mediation management V2	Underway	36	36	Ongoing work on alignment of mapping language with knowledge web alignment API
4.5.2	Report on ontology mediation as service component V2	Underway	30	31	The deliverable is in progress; it focuses on the applications of mediation, distinguishing between engineering tasks and mediation at runtime
4.5.4	Prototype of the ontology mediation software V2	Underway	36	36	Mediation component is being further developed (focusing on usability and transformations) and integrated with search&browse tool
4.6.2	Report on ontology mediation for case studies V1	Underway	36	36	Ongoing application of mediation in digital library case study and investigation on application of mediation in legal case study
WP5 Knowledge Access					
5.3.2	Knowledge sharing module final version	Underway	36	36	Development on Squidz is progressing well. Initial user comments from WP11 have been incorporated as changes to the interface, as well as improving overall performance. Work is now being undertaken to utilise the web page classifier developed by BT. Squidz is expected to be developed sufficiently to be part of the WP11 Digital Library.
5.6.2	Query answering with result consolidation and summarisation	Underway	36	36	Work on d. 5.6.2 is progressing well. The test documents have been annotated with KIM and first experiments with text segmentation algorithms in GATE took place. A sample set of annotated documents will be provided for evaluation of the accuracy of the text segments.
5.7.2	Knowledge repurposing module final version	Underway	36	36	In this period, the work has focussed on extensively converting the DI software to use the Hibernate database package. This is the first step towards making the package more standards compliant as planned. Further investigation of

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					the work of the Device Independence Working Group has been carried out, with the aim of incorporating these ideas into the final version.
WP6 Integration					
6.5.6	Int M24 s/w components	Underway	27	27	Delayed to allow broader coverage of s/w components
6.5.7	Int. M30 s/w components	Underway	32	32	
6.5.8	Final integrated system plus report	Underway	36	36	
6.6.5	Int. TextGarden Gate v2	Underway	36	36	
6.6.6	Int. TextGard. Kaon v2	Underway	36	36	
6.6.7	Int. Gate Kaon v2	Underway	36	36	
WP7 Methodology					
7.2.2	SEKT methodology	Underway	36	36	
WP8 Usability and benchmarking					
8.4.1	Results of user tests and completed use case studies	Underway	36	36	<p>The SEKT prototype applications are under completion now, and becoming sufficiently mature for usability studies and user validation. These activities are under way in all three case studies, and will be the main focus of activity in the coming months.</p> <p>Methods for online data collection in the field studies were developed and are adapted to the specific test conditions for the SEKT prototype applications. Data were collected in relevant application domains, especially for the “search and browse” components, to validate the methodology.</p>
WP9 Siemens case study					
9.4.1	Siemens utility analysis after	Underway	36	36	System installed, fine tuning in progress
WP10 Legal case study					
10.4.1	After analysis	Underway	36	36	
WP11 BT case study					
11.4.1	BT digital library after analysis	Underway	36	36	<p>Support programs developed to test the classifier (e.g. programs to generate co-occurrence vectors from specified records). Additional testing of classifier.</p> <p>Phase 1 inspection tests completed for search and browse, SEKT agent and knowledge sharing applications. Results of tests fed back to researchers/developers.</p> <p>Classifier modified for use by knowledge sharing application.</p> <p>Further changes to database to support applications (Inspec, ABI,</p>

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					Web pages). Preparation of phase 2 testing started.
WP12 Exploitation and dissemination					
12.3.1	Open day, based on case studies	Completed	30	30	Held as part of WWW2006
12.5.3	Final plan for using and disseminating knowledge		36	36	
12.5.4	Report on raising public participation and awareness		36	36	
12.5.5	Report on spin-off in Spanish legal sector	Underway	36	36	
12.7.1	Integrated platform v1	Underway	30	32	
12.7.2	Integrated platform v2		36	36	
WP13 Technical Management					
13.1.3	3 rd year activity report		36	36	
WP14 Training					
14.2.2	Final report on use of on-line training, seminars and workshops (results and feedback, impact assessment)	Underway	36	36	The redesigned technical platform for the delivery of video lectures was launched, making the content easier to use and attractive for a large audience. Further content is added, representing the project achievements, and with the perspective to make the project results visible to a large audience. The post-project use and maintenance of the training resources is being prepared.
14.3.1	Workshops and seminars according to a planned and agreed schedule which will respond to the recognized training needs continuously M 10 – 36	Underway	10 to 36	36	At WWW06 an industry day was held to make a large expert audience familiar with SEKT results and the potential of SEKT technology.
WP15 Consortium management					
15.1.6	30 month management report	Completed	30	32	
15.1.7	3 rd management report		36	36	

1.2 Exploitation and dissemination

Published papers

JSI

Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date
Miha Grcar, Dunja Mladenic, Blaz Fortuna, Marko Grobelnik	Data Sparsity Issues in the Collaborative Filtering Framework	WebKDD post-workshop proceedings, Nasraoui, O. et al. (eds.), Springer Lecture Notes	20 pages	April, 2006 (camera ready)
Janez Brank, Dunja Mladenic, Marko Grobelnik	Golden Standard Based Ontology Evaluation Using Instance Assignment	WWW-2006 Workshop on Evaluating Ontologies for the Web (EON2006)	8 pages	May 2006
Blaz Frotuna, Marko Grobelnik, Dunja Mladenic	System for semi-automatic ontology construction	ESWC-2006 Demo	2 pages	June 2006

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Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date
York Sure, Christoph Tempich	Semantic Web Technologies: trends and research in ontology-based systems (John Wiley & Sons Ltd.)		Chapter 9 – Ontology Engineering Methodologies	2006
Stephan Bloehdorn, Peter Haase, York Sure, Johanna Völker	Semantic Web Technologies: trends and research in ontology-based systems (John Wiley & Sons Ltd.)		Chapter 4 - Ontology Evolution	2006
York Sure, Christoph Tempich	Semantic Web - Wege zur vernetzten Wissensgesellschaft (Springer, Heidelberg, X.media.press)		Chapter 3.e - Wissensvernetzung in Organisationen	2006
Aleksander Pivk, York Sure, Philipp Cimiano, Matjaz Gams, Vladislav Rajkovic, Rudi Studer	Transforming Arbitrary Tables into F-Logic Frames with TARTAR	Data & Knowledge Engineering (DKE)		2006
Stephan Bloehdorn, Philipp Cimiano, Andreas Hotho	Learning Ontologies to Improve Text Clustering and Classification	Studies in Classification, Data Analysis, and Knowledge Organization	Volume 30	2006

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Myra Spiliopoulou, Rudolf Kruse, Andreas Nürnberger, Christian Borgelt, Wolfgang Gaul	From Data and Information Analysis to Knowledge Engineering	Proceedings of the 29th Annual Conference of the German Classification Society (GfKI 2005), Magdeburg, Germany, Springer		March 9-11, 2005
York Sure, Marc Ehrig, Rudi Studer	Automatische Wissensintegration mit Ontologien	Ulrich Reimer, Knut Hinkelmann, Workshop Modellierung fuer Wissensmanagement auf der Modellierung 2006, Innsbruck, AT		March 2006
Steffen Lamparter, Björn Schnizler	Trading Services in Ontology-driven Markets	Proc. of the 21st Annual ACM Symposium on Applied Computing (SAC'06), ACM press, Dijon, France		Apr 06
Miha Grcar, Dunja Mladenic, Blaz Fortuna, Marko Grobelnik	Data Sparsity Issues in the Collaborative Filtering Framework	WebKDD post-workshop proceedings, Nasraoui, O. et al. (eds.), Springer Lecture Notes	20 pages	April, 2006 (camera ready)
Saartje Brockmans, Marc Ehrig, Agnes Koschmider, Andreas Oberweis, Rudi Studer	Semantic Alignment of Business Processes	Proceedings of the Eighth International Conference on Enterprise Information Systems (ICEIS 2006), INSTICC Press, Paphos, Cyprus		May 2006
Max Völkel, Markus Krötzsch, Denny Vrandečić, Heiko Haller, Rudi Studer	Semantic Wikipedia	Proceedings of the 15th international conference on World Wide Web, WWW 2006, Edinburgh, Scotland, May 23-26, 2006		May 2006

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Holger Lewen, Kaustubh Supekar, Natalya F. Noy, Mark A. Musen	Topic-Specific Trust and Open Rating Systems: An Approach for Ontology Evaluation	Proceedings of the 4th International Workshop on Evaluation of Ontologies for the Web (EON2006) at the 15th International World Wide Web Conference (WWW 2006), Edinburgh, UK		May 2006
Denny Vrandecic, Mari del Carmen Suárez- Figueroa, Aldo Gangemi, York Sure	Evaluation of Ontologies for the Web	Proceedings of the 4th International EON Workshop 2006		May 2006
Markus Krötzsch, Pascal Hitzler, Denny Vrandecic, Michael Sintek	How to reason with OWL in a logic programming system	Technical Report , Institute AIFB, University of Karlsruhe		May 2006
Saartje Brockmans, Peter Haase, Pascal Hitzler, Rudi Studer	A Metamodel and UML Profile for Rule-extended OWL DL Ontologies	3rd Annual European Semantic Web Conference, Springer, Budva, Montenegro		June 2006
Michael Engler, Denny Vrandecic, York Sure	A Tool for DILIGENT Argumentation: Experiences, Requirements and Design	1st International Workshop on Semantic Technologies in Collaborative Applications STICA 06, IEEE, IEEE, Manchester, UK		June 2006
Christoph Tempich, H. Sofia Pinto, Steffen Staab	Ontology Engineering Revisited: an Iterative Case Study with DILIGENT	The Semantic Web: Research and Applications: 3rd European Semantic Web Conference, ESWC 2006, June 11-14, 2006 Proceedings, Springer, Budva, Montenegro	Volume 4011 of LNCS	June 2006
Denny Vrandecic	Ontology Evaluation for the Web - PhD proposal	Proceedings of the KnowledgeWeb PhD Symposium KWEPSY 2006, Budva, Montenegro		June 2006
Anupriya Ankolekar, Denny Vrandecic	Personalizing web surfing with semantically enriched personal profiles	Proceedings of the Semantic Web Personalization Workshop, Budva, Montenegro		June 2006

Denny Vrandecic, Markus Krötzsch	Reusing Ontological Background Knowledge in Semantic Wikis	Proceedings of the First Workshop on Semantic Wikis -- From Wikis to Semantics, Budva, Montenegro		June 2006
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USFD

Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date
T. Wang, Y. Li, K. Bontcheva, H. Cunningham and J. Wang	Automatic Extraction of Hierarchical Relations from Text	ESWC 2006 conference	To be published	11-14 June 2006

iSOCO

Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date
Benjamins V.R.	AI's Future: Innovating in Business and Society	IEEE Intelligent Systems "The future of AI"	(Vol. 21, No. 3)/72- 73	May/June 2006

VUA

Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date
Schlobach, Huang, van Harmelen	Debugging Incoherent Terminologies	Journal of Automated Reasoning, special issue on DL (submitted)		
Zhisheng Huang	Inconsistencies, Negations and Changes in Ontologies	AAAI 2006		June 2006

SAI

Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date
Kiryakov	OWLIM: balancing between scalable repository and light- weight reasoner	WWW2006	http://www 2006.org/de velopers/	25.05.2006

UAB

Author(s)	Title of paper	Journal, conference, etc.	Vol. no./Page ref.	Date

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N. Casellas A. Jakulin J.J. Vallbé P. Casanovas	“Acquiring an ontology from the text. A legal case study.”	The 19 th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE'06) Annecy (FRANCE) http://esia2.univ-savoie.fr/conf-iea-aie/index.php?id=17 Conference proceedings published by Springer-Verlag	27-30 June 2006
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Books

Editor(s)	Title of Book	Publisher	Date
John Davies Rudi Studer Paul Warren	Semantic Web Technologies	Editor	2006

Press reports

BT

Publication name	Title of article	Name of publication	Date
WWW2006 podcast	WWW2006 podcast series. John Davies and others interviewed about prospects for the semantic web	http://www2006.org/rss/www2006_pod1.mp3	May 2006
Financial Times	The internet: The engine ain't broke but should we fix it?	http://www.ft.com/cms/s/3009c7e8-c2f9-11da-a381-0000779e2340.html	21/6/06
PCPro	BT plans to squeeze knowledge from the net	http://www.pcpro.co.uk/news/87757/bt-plans-to-squeeze-knowledge-from-the-net.html	23/5/06
IST Results	Semantic technology ready for industrial application	http://istresults.cordis.europa.eu/index.cfm/section/news/tpl/news/Briefs/briefs/ID/82487	June 2006
Telecom TV	BT & the Semantic Web	http://www.telecomtv.com/video.asp?ttv_id=791&url=video.asp?ttv_id=791&action=video&bit=hi&cp=view	June 2006

Cooperation with other projects

BT

Projects involved	Programmes involved	Purpose of meeting/discussion	Date
REWERSE		Discussions regarding joint approach to dissemination. SEKT already has a rich library of material which REWERSE could re-use, allowing REWERSE to concentrate on its “core business” – rules and reasoning.	June 2006

UKARL

Projects involved	Programmes involved	Purpose of meeting/discussion	Date
NEON	IST	NEON Kickoff meeting	20-22.3.06
X-Media	IST	X-Media Kickoff meeting	29.-31.3.06

USFD

Projects involved	Programmes involved	Purpose of meeting/discussion	Date
KnowledgeWeb	Sixth Framework programme	Demonstrated SEKT's CLIE software and discussed how it might be useful for KnowledgeWeb.	14-15 June 06

UIBK

Projects involved	Programmes involved	Purpose of meeting/discussion	Date
Knowledge Web	FP6	Ongoing cooperation mapping language/alignment API	

VUA

Projects involved	Programmes involved	Purpose of meeting/discussion	Date
Knowledge Web	FP6	Co-authorship of AAAI'06 paper on ontology revision	

Delivery to other projects**JSI**

Projects involved	Programmes involved	deliverable	Date
ALVIS	IST	Using software from D1.5.1 (DMoz classification)	May 2006

VUA

Projects involved	Programmes involved	deliverable	Date
NICE		Use of SEKT technology (D3.6.1) to debug inconsistencies in a large medical ontology for use in Intensive Care Department of Amsterdam Medical Center. Results reported in D3.6.2.	

Contribution to standards bodies**UIBK**

Standards Body (and subcommittee)	Date	Title of contribution
w3c	ongoing	Participation in the RIF working group

Details of patent applications**BT**

Applicant organisation	Title of application	Application no.	Patent body
BT	Consolidated query results	06251886.5	EP
BT	Ranking named entities	06251870.9	EP
BT	Coping with dynamically changing ontologies	06252198.4	EP
BT	Organising and storing documents	06253537.2	EP

Talks**BT**

Name of speaker	Type of talk (Keynote speaker, Presentation, Invited Talk)	Event Name	Web site

Paul Warren	<i>Building Semantic Applications</i> Presentation	2006 Semantic Technology Conference	http://www.semantic-conference.com/
Paul Warren	Invited Talk	Unicom seminar on <i>Enterprise Content Management</i>	
John Davies	'Next Generation Knowledge Management', Invited Talk	Bertlesmann Executive Forum	http://www.empolis.de/de/F3CB27B496294D61AAAAAEB6F6FA208E.php
John Davies	'The Semantic and Pervasive Web' Invited Talk	WWW2006	http://www2006.org/
Chris Wroe	Invited Talk	ESWC06	http://www.eswc2006.org/index.html

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Name of speaker	Type of talk (Keynote speaker, Presentation, Invited Talk)	Event Name	Web site
Richard Benjamins	Invited Talk	Doctoral course on Semantic Web: applications and challenges. Universidad de Murcia, Spain. 25- 28 th of April 2006	
Jesús Contreras	Invited Talk	Doctoral course on Semantic Web: applications and challenges. Universidad de Murcia, Spain. 25- 28 th of April 2006	
Richard Benjamins	Invited Talk	JFPC06 Deuxièmes Journées Francophones de Programmation par Contraintes The Semantic Web: Challenges and Applications	http://www.lgi2p.ema.fr/JFPC06/ http://www.lgi2p.ema.fr/JFPC06/Programme-2-2.pdf
Richard Benjamins	Panel Participation	15 th International World Wide	http://www2006.org/panels/

		Web Conference WWW2006 “The Next Wave of the Web (Plenary Panel)”	
Richard Benjamins	Invited Talk	15 th International World Wide Web Conference WWW2006 – “Opportunities fro the Semantic Web – Research & Development”	http://www2006.org/programme/#wed http://www2006.org/speakers/benjamins/

SAI

Name of speaker	Type of talk (Keynote speaker, Presentation, Invited Talk)	Event Name	Web site
Atanas Kiryakov	Invited Talk on OWLIM	Sesame Tutorial at ESWC 2006	www.eswc2006.org

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Name of speaker	Type of talk (Keynote speaker, Presentation, Invited Talk)	Event Name	Web site
J.J. Vallbé	IA i Ciència Política. Estructures conceptuals i representació del coneixement. (AI & Political Science. Conceptual Structures and Knowledge Representation).		University of Barcelona. www.ub.es
Pompeu Casanovas	“Ontologías jurídicas profesionales: un ciclo pragmático integrado” (Professional legal ontologies: an integrated pragmatic cycle) Invited talk.	I Jornadas “La Razón Jurídica” La aplicación de la norma jurídica. 20-21 April 06	http://www.ifs.csic.es/Activida/abril06.html
Pompeu Casanovas	“Web Semántica i cerques Intel.ligents. Un exemple jurídic” (Semantic Web and Intelligent Searching : a legal example) Agència Andorrana de Protecció de Dades. (Data Protection Andorran Agency) Invited talk	25th May	https://www.apda.ad/index.htm

Conference Involvement**BT**

Name of Conference	Date	Persons involved	Role	Location	Web site
ESWC-2006	June 11-14, 2006	John Davies	Conference Organizer	Przno, Montenegro	http://www.eswc2006.org/
WWW-2006	May 2006	John Davies	Program Committee	Edinburgh, UK	http://www2006.org/

JSI

Name of Conference	Date	Persons involved	Role	Location	Web site
ESWC-2006	June 11-14, 2006	Marko Grobelnik	Local Organizer	Przno, Montenegro	http://www.eswc2006.org/

iSOCO

Name of Conference	Date	Persons involved	Role	Location	Web site
15 th International World Wide Web Conference WWW2006 – Semantic Web	22/05/2006 – 26/05/2006	Richard Benjamins	Program Committee Member	Edinburgh	http://www2006.org/chairs/full_list.php

UKARL

Name of Conference	Date	Persons involved	Role	Location	Web site
ESWC2006	June 2006	York Sure	Programme Chair	Budva, Montenegro	http://www.eswc2006.org
Semantics2006	November 2006	York Sure	Programme Co-Chair	Vienna, Austria	http://www.semantics2006.net

VUA

Name of Conference	Date	Persons involved	Role	Location	Web site
WWW 2006	23-26 May 2006	F. van Harmelen	Chair of Semantic Web Track	Edinburgh	http://www2006.org
ESWC2006	12-15 May	Van Harmelen	Opening Keynote	Budva, Montenegro	Eswc2006.org

Workshops/Tutorials**UKARL**

Conference Name	Workshop/Tutorial Name	Date	Names of the involved	Role	Web site
WWW2006	EON2006	May 2006	York Sure and Denny Vrandečić	Organisers	http://km.aifb.uni-karlsruhe.de/ws/eon2006
WWW2006	RoW2006	May 2006	Pascal Hitzler	Organiser	http://www.aifb.uni-

					karlsruhe.de/WBS/phi/RoW06/
Informatik 2006	AST2006	October 2006	York Sure and Pascal Hitzler	Organisers	http://km.aifb.uni- karlsruhe.de/ws/ast2006

USFD

Conference Name	Workshop/Tutorial Name	Date	Names of the involved	Role	Web site
ESWC 2006		11-Jun-06	Valentin Tablan, Department of Computer Science, University of Sheffield, UK. Stefan Rueger, Imperial College London, UK Michael Hausenblas, JOANNEUM RESEARCH, Austria	Presentor	http://www.eswc2006.org/tutorials.html#tutorial7

UAB

Conference Name	Workshop/Tutorial Name	Date	Names of the involved	Role	Web site
The 19 th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE'06)	Ontology and Text	29 th June	Núria Casellas Joan Josep Vallbé	Speakers	http://esia2.univ-savoie.fr/conf-iea-aie/index.php?id=17 http://esia2.univ-savoie.fr/conf-iea-aie/fileadmin/template/main/schedule.pdf

Other Dissemination Events**BT**

Type of Activity	Date	Names of involved	Target of activity	Other info
Industry Day at WWW2006	May 2006	John Davies (with Rudi Studer and Richard Benjamins)	Industrials	
Presentation of poster and demo of SEKT work at ESWC2006	11/06/06	I Thurlow		Presented poster and demo on the application of SEKT technology in BT's digital library.

UKARL

Type of Activity	Date	Names of involved	Target of activity	Other info
Industry Day at WWW2006	May 2006	Rudi Studer	Industrials	
Poster and Demo at the ESWC2006	Semantic Wikipedia (ESWC2006 demo), June 2006	Max Völkel, Markus Krötzsch, Denny Vrandecic, Heiko Haller, Rudi Studer		

iSOCO

Type of Activity	Date	Names of involved	Target of activity	Other info
Presentation of Semantic Web Applications to the "Ciudad de las Artes y las Ciencias".	January 2006	Jose Antonio Cruz Elias Alpuente	Description of some improvements on the application of Semantic Web Technologies	Presentation of some results of the application of Semantic Web Technologies Presentation of SEKT project, and its application on the cultural domain.
Presentation of the status of the Legal Prototype	19 th April 06	Jesús Contreras		Presentation to Laley Wolters Kluver the status of the legal prototype for possible further commercialization.
National Newspaper (La Vanguardia)	12/05/2006		News related with the participation of ISOCO in several projects about Semantic Web	

UAB

Type of Activity	Date	Names of involved	Target of activity	Other info
Contact with lawyer firms, interviews	January - February	M. Poblet. M. Fernández I. Pratdesaba		During Jan-Feb, 8 interviews with lawyers in law firms were carried out, as part of the task related to the SEKT spin off.

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with lawyers (SEKT spin off project)				Up to February 28 th , 14 interviews were made (that includes some interviews from nov-dec 2005) Contacts with the 36 remaining law firms of the survey to prepare the interviewing process has also been carried out.
Bilateral meeting	18 th January	UAB- iSOCO		Preparation of the results to be shown at the Year 2 review.
Bilateral meeting	21 st February	UAB - VUA		Ontology versioning.
Bilateral meeting	21 st February	UAB - iSOCO		SEKT spin off project.
Internal Session	24 th February	P. Casanovas N. Casellas P. Vallbé F. Ramos		Usability
Internal Session	28 th February	P. Casanovas N. Casellas P. Vallbé F. Ramos		Usability
Contact with lawyer firms, interviews with lawyers (SEKT spin off project)	March – April 06	M. Poblet M. Fernández I. Pratdesaba L. Ferrero		Progress on the interviewing process. From the 36 remaining law firms to interview, up to 12 interviews have been carried out during this period.
Internal Session	6 th March 06	P. Casanovas N. Casellas P. Vallbé F. Ramos		Usability
Bilateral meeting	9 th March 06	UAB - iSOCO		Usability
Trilateral meeting	10 th March 06	UAB – iSOCO – Judicial School		Usability
Bilateral meeting	22 nd March 06	IDT – Law Faculty		Master (progress on the design)
Trilateral meeting	27th-28th March 06	UAB – VUA - iSOCO		Preliminary specification of scenarios for stability checking and temporal ontology versioning control
Bilateral meeting	19 th April 06	UAB – Wolters- Kluwer / La Ley		Dissemination. Use of SEKT technology.
Contact with lawyer firms, interviews with lawyers (SEKT spin off project)	May - June	M. Poblet M. Fernández I. Pratdesaba L. Ferrero		Progress on the interviewing process.
Bilateral meeting	9 th May	UAB-iSOCO		SEKT spin off project
Bilateral meeting	9 th May	UAB- JSI		Bilateral meeting to comment on OntoGen performance.
Bilateral meeting	9 th May	UAB-VUA		Bilateral meeting to comment on versioning.
Bilateral meeting	24 th May	UAB – University of		Progress on Spanish Text2Onto

		Karlsruhe		
Internal Session	2 nd June	P. Casanovas J.J. Vallbé E. Teodoro L. Ferrera N. Casellas M. Poblet M. Fernández J. Cañabate		Progress on ethnographic work.
Bilateral meeting	7 th June	IDT – Law Faculty		Master (progress on the design)
Bilateral meeting	8 th June	IDT – Judicial School		Yearly Schedule. Presentation at the General Council of the Judiciary (Madrid), October 2006 (preparation).
Bilateral meeting	19 th June	IDT – Judicial School		Preparation of the conference to be held on 27th-28th November at the CENDOJ / Judicial School.

2. Deviations and risk review

During year 2 of the project, a bimonthly payment regime was introduced for Empolis, because of late submission of deliverables. Following continued non-delivery, bimonthly payments have been withheld for the period under review.

At the end of year 1, the risk analysis and contingency plan was reviewed in the light of the experience of year 1. At the end of year 2, the plan was reviewed again. However, on this occasion, no further material changes were deemed necessary.

As noted above, three M24 deliverables were submitted late. These were D8.3.1, D8.3.2 and D14.2.1. All were owned by kea-pro, and the late delivery was caused by an accident which temporarily incapacitated Tom Bösser. Professor Bösser has now recovered, and all the deliverables have been submitted.

3. Resources

Project effort for the reporting period M25 to M30 (person-months)					
Participant's short name	WP 01	WP 02	WP 03	WP 04	WP05
BT	0.67		0.67	0.67	13.16
EMP					
JSI	9.75				
UKARL	6.00	7.08	6.00		2.00
USFD		12.90	2.40		4.10
UIBK				32.38	
iSOCO					2.10
KEA					
ONTO	1.30	5.50	1.00	4.70	
SAI		16.10		2.10	1.10
VUA			8.00		
UAB					
SBS					
TOTAL	17.72	41.58	18.07	39.85	22.46

Project effort for the reporting period M25 to M30 (person-months)					
Participant's short name	WP 06	WP 07	WP 08	WP 09	WP10
BT	0.67	1.01	1.36	0.84	0.67
EMP	3.60		0.05	6.70	
JSI	2.35			1.10	0.24
UKARL	8.00	2.98			
USFD	3.30	3.25			
UIBK					
iSOCO	1.40		4.60		15.90
KEA			4.00		
ONTO	1.90				
SAI					
VUA					
UAB					7.00
SBS				1.50	
TOTAL	21.22	7.24	10.01	10.14	23.81

Project effort for the reporting period M25 to M30 (person-months)						
Participant's short name	WP 11	WP 12	WP 13	WP 14	WP15	TOTAL
BT	6.75	2.02	2.02		7.52	38.03
EMP		7.20	2.95			20.50
JSI	0.40		3.10	6.20		23.14
UKARL		1.00		1.00		34.06
USFD		2.40	2.40	0.75		31.50
UIBK						32.38
iSOCO		5.40	0.60			30.00
KEA				3.50		7.50
ONTO		0.20	0.20			14.80
SAI		0.40	0.30			20.00
VUA						8.00
UAB		6.00				13.00
SBS						1.50
TOTAL	7.15	24.62	11.57	11.45	7.52	274.41

4. Cumulative

Project effort in person- months			
Participant's short name	Total at end of year 2	Total for M25 to M30	New TOTAL
BT	172.47	38.03	210.50
EMP	90.20	20.50	110.70
JSI	157.00	23.14	180.14
UKARL	98.00	34.06	132.06
USFD	115.90	31.50	147.40
UIBK	87.09	32.38	119.47
iSOCO	112.12	30.00	142.12
KEA	31.00	7.50	38.50
ONTO	42.95	14.80	57.75
SAI	83.60	20.00	103.60
VUA	42.00	8.00	50.00
UAB	35.00	13.00	48.00
SBS	3.00	1.50	4.50
TOTAL	1070.33	274.41	1344.74