



CIMOSA - News

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The CIMOSA - News is published by the CIMOSA Association. The CIMOSA News reports on CIMOSA applications, evolution of its technical specification, advancements in standardisation and related items. Contributions from other parties are welcome. The CIMOSA - News will be printed periodically and is also available in the Internet at <http://www.cimosa.de>.

INTEROP (IST-2003-508011)

A major effort is still on knowledge integration (KMap) with emphasis on a software tool that can be used to diagnose interoperability research and to support researchers to identify their area of research, advertise their research results, identify potential research partners, etc. Relations to INTEROP activities include the creation of knowledge about interoperability research produced by project WPs/TGs in the project Domains: Enterprise Modelling, Ontologies and Architectures & Platforms. Also included in the Knowledge Map (KMap) are: the interoperability glossary, research papers, developed tutorials, and researcher mobility reports.

The KMap work is devised into subtasks of 1) Define KMap requirements for both the refinement and phasing of the functional KMap as well as for the tool software, 2) Data collection about interoperability research using the Protégé prototype and 3) Run diagnostics using the KMap release 1 by applying queries on the imported KMap data.

Reports from Events

11th EURAS Workshop on Standardisation
Hamburg, Germany, 2006-02-08/09 was attended by about 40 people. 23 papers covered themes like Standardisation Processes, Strategies, Dynamics, Application areas (UMTS, Trade and

Services, Audio Platforms), Innovation, Regulation, and Patents. Several papers presenting results from the Europe funded projects INTEREST and NO-REST addressed the interface between research and standardisation. Two keynote papers addressed education and research in standardisation and the history of standardisation in biology. For a summary of the papers presented at the workshop see <http://www.cimosa.de>.

A special subject addressed by the first invited paper was the International Committee for Education About Standardization (ICES), which had its first meeting in Tokyo, Japan, 2006-02-06/08 and will have its next meeting in Delft, The Netherlands, 2007-02-xx. Contributions to the first meeting where from Canada, China, Japan, Korea, The Netherlands, Singapore and USA.

The workshop used an interesting approach for paper evaluation. Presentations of selected papers where followed by a prepared discussion by a discussant who had read the paper and addressed highlights as well as open points of the paper. The two presentation where followed by an open discussion from the floor. The approach should be recognised and widely advertised as a complementary approach to the anonymous paper review procedure.

Announcement of next I-ESA Conference

I-ESA '07 the INTEROP and ATHENA conference on 'Interoperability for Enterprise Software and Applications' will be held in Funchal, Madeira Island, Portugal, 2007-03-26/30.

Topics on interoperability include: Enterprise Modelling, Ontologies, Semantic Web, Enterprise Architectures, Enterprise Application Integration, Infrastructures and IT platforms, related standards, legal and security issues, performance analysis, tools, mobile and (ambient) intelligent technologies as well as Interoperability in knowledge creation, transfer, and management.

We define interoperability in the context of enterprise applications as the ability of a system or a product to work with other systems or products without special effort from the users.

Papers to be submitted by 2006-10-31. More information via <http://www.athena-ip.org/>

EE&I Standardisation

ISO TC 184 SC5/WG1 meeting in Monterrey, Mexico, 2006-05-22/24. Reports from members: K. Kosanke on EU Initiatives ATHENA and INTEROP. Feedback from the INTEROP conference in Bordeaux and reference to the conference website and CIMOSA web site for proceedings and paper summary, respectively. R. Martin for J.J. Michel presented the status on JWG 15 work: and on WG 8 Mandate and PSL.

Results and conclusions: *CEN ISO 19439 - Modelling Framework*: publish with Fig. 3 as Corrigendum.

CEN ISO 19440 – Constructs for Enterprise Modelling: DIS ballot comments reviewed and a number of the US comments have been revisited for clarification resulting in modifications of some of the editing done in the CEN meeting.

ISO 15704 - Requirements for enterprise-reference architectures and methodologies: The systematic review will consider not only ISO SC5 and CEN TC 310 relevant inputs, but inputs from ISO/IEC JTC1/ SC7 on Recommended Practice for Architectural Description of Software-Intensive Systems. Close co-operations between the two working groups are foreseen.

NWIP on Interoperability: the current proposal has been presented and contributions from the state of the art, both in EU projects (ATHENA and INTEROP) and in standardisation have been discussed.

NWIP on Process Modelling Methods: results of the ballot are not yet final.

Next Meeting at AFNOR, Paris, France 2005-10-11/13.

ISO TC 184 SC5 meeting in Monterrey, Mexico, 2006-05-25/26. Results of the Terminology study group have been presented by K. Kosanke and their implications on standardisation in general and SC5 in particular have been discussed. Further actions for SC5 have been defined.

ISO/IEC SC 65 A/JWG 15, meeting in Genova, Italy, on 2006-06-14/16. Results: 62264-3 'Activity models of manufacturing operations management' on ballot, 62264-5 'Business to Manufacturing Transactions' to be composed of a description of the scope of IEC 62264-5 and the ISA 95.00.05 draft 10 document as an attached working draft and submitted to IEC and ISO.

JWG 15 has liaisons with the following working groups or organisations: ISA SP95, IEC65A, CEN TC310 WG1, INTEROP-NoE and PSLX.

Selected Action Items: 1) analysis of the terminology alignment work made in ISO TC184 SC5 WG1 and CEN TC 310 WG1 to identify its impact on the terminology of IEC 62264, and vice versa. 2) update of the latest INTEROP activities at the next meeting and investigate the potential impact from his Decision Hierarchy Model.

The Manufacturing Interoperability Guidelines group (MIG) was initiated in April 2006 and has gathered a high amount of interest from organisations ISA 95, OAGi, WBF, OPC Foundation, Mimosa, as well as from industry representatives - from vendors SAP, Oracle, IBM and from users represented by the ARC Advisory Group Forum, <http://www.arcweb.com>.

Next meeting (tentative), January 22-24, 2007, Paris, France.

Upcoming Events

- 13th ISPE Intern. Conf. On Concurrent Eng.: Antibes, French Riviera, 2006-09-18/22 September, 2006, <http://www.ce2006.org>
- BPM'2006, 4th International Conference on Business Process Modelling, Vienna, Austria, 2006-09-05/07, <http://bpm2006.tuwien.ac.at/cfw/>; jointly with ENEI 2006, 2nd International Workshop on Enterprise and Networked Enterprises Interoperability
- PRO-VE'06, 7th IFIP Working Conference on Virtual Enterprises, Helsinki, Finland, 2006-09-25/27, <http://www.pro-ve.org>; jointly with MoMo'2006 Workshop INTEROP Task Group on Model Morphism
- Workshop on Trends in Enterprise Architecture Research (TEAR 2006), Hong Kong, 2006-10-16, <http://tear2006.telin.nl/>
- e-Challenges 2006, 16th EU annual conference, Barcelona, Spain, 2006-10-25/27, <http://www.echallenges.org/e2006/>
- 1st European Summit on Interoperability in the eGovernment, Valencia, Spain, 2006-11-22/24, <http://www.esiig.gva.es>

The CIMOSA Association (COA) is a non-profit organisation involved in promotion and European and international standardisation of Enterprise Engineering and Integration.