

Enterprise COllaboration & INteroperability



Collaboration and Interoperability Services in the COIN system: a scientific approach - COIN Book -



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Business Ecosystems – Value creation in the 21. century



Open systems and networks:

- Borders of branches, markets and companies are becoming fuzzy
- New value creation (Customer co-creation, Coopetition)
- Business Mashups: interfaces lead to new markets
- Collaboration and its enabling technologies become a leading role in future business

(Source: Z_Punkt Megatrends)



The COIN book

Objectives:

- Support the scientific publication level of COIN scientific results.
- Foster and allow scientific recognition of COIN novel concepts and approaches.
- Streamlining dissemination processes collecting project relevant information and achievement in a single dedicated volume (with high dissemination potentiality).

Main themes:

- COIN Project introduction, Motivation, Objective, Vision
- EI / EC Services and Implementations
- EI / EC Services adoption, demonstrations and lesson learned
- COIN value proposition and market exploitation aspects
- COIN in Interoperability and Collaboration fields and the domain of Collaborative Platforms



The COIN book

Relevant information:

- Around 25 authors involved (from the COIN consortium)
- Editorial group with chapter coordination role
- Review process and standardized template for adequate quality of collected contributions
- High dissemination potential
 - “Light” version of copyright (“not to prevent parallel form of dissemination ”)
 - Electronically publication possibility
- 100 copies esteemed for launch-first print batch

Official Launch: COIN Final Conference (8-9 November 2011) in
correspondence with Future Internet Symposium



COIN Book - Table of Content

- The EI & FInES context by Cristina Martinez – EU Project Officer
- Chapter 1 – COIN Motivation, Objectives and Vision (Authors: VTT)
- Chapter 2 – COIN IT System
 - The COIN Generic Service Platforms Federation for Enterprise Interoperability/ Collaboration service provision (Authors: UIBK, SOLUTA, ATOS, DFKI, TXT)
 - The COIN Front End for Generic Service Platform Federation Consuming (Authors: TXT, JSI, UIBK)
 - The COIN Collaboration Platforms Federation for Enterprise Networks and Business Ecosystems (Authors: TXT, ESOCE, BIBA)
- Chapter 3 – COIN Enterprise Collaboration (EC) and Interoperability Services (EI)
 - Baseline and Innovative EC Services (BIBA, VTT)
 - Baseline and Innovative EI Services (TXT, CNR)



COIN Book - Table of Content

- Chapter 4 – COIN Demonstrators
 - The COIN EI/EC Services in industrial Supply Chain.
(Examples on Automotive, Aerospace, Railway and Construction Supply Chains.)
 - The COIN EI/EC Services in Collaborative Networks.
(Examples on Aeronautics, ICT, Marine Shipping, Logistics Clusters and Collaborative Networks)
 - The COIN EI/EC Services in Business Innovation Ecosystems.
(Examples on Healthcare, Civil Engineering, Agro-Food and Digital Media Ecosystems and Living Labs.)

- Chapter 5 – COIN in the Business
 - Supporting EC&EI service usability and take up (Authors: VTT)
 - SaaS-U Value Proposition and Business Models (Authors: IC Focus)
 - Bringing COIN to the Market (Authors: ATOS)
 - Enterprise Collaboration Maturity Models (Authors: ESI)



COIN Book timeline

TOC Agreement with editors	March 2011
TOC Agreement with authors	March 2011
Request for contributions	March / April 2011
Papers / articles first version – submission	30 June
Peer and quality review	30 June – 31 august
Papers / articles final issue	30 September
Book final edition / print	Q3 2011
COIN Book presentation	FIS 8-9 Nov 2011



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BREMER SCHRIFTEN ZU BETRIEBSTECHNIK UND ARBEITSWISSENSCHAFT

Klaus-Dieter Thoben, Sebastian Fritz,
 Martin Lünemann (Eds.)

**Fit für die Maßgeschneiderte
 Massenfertigung durch agile,
 rekonfigurierbare Fertigungssysteme**

Proceedings of the National Workshop within the ARMMS Project
 (Stuttgart, Germany, 20 March, 2002)

BAND 46



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BIBA Bremer Institut
 für Betriebs- und
 Organisationswissenschaft
 an der Universität Bremen

The ARMMS - Agile Reconfigurable Manufacturing Machinery Systems - Project was a pan-European Thematic Research Network funded by the European Commission in Brussels. The aims of the programme were:

- To bring together key industrial and academic personnel already pro-active in agility and reconfigurability issues related to manufacturing and machinery systems,
- To foster co-operation and facilitate the exchange of information and technology appropriate to the advancement of agile manufacturing in Europe,
- To identify future technological and research needs and establish an informed base for the European Commission in manufacturing machinery systems, which are agile and re-configurable.

ARMMS has brought together some 30 partners from universities, research institutes, equipment suppliers and potential end-users proactive in the field of agility and re-configurability of machinery systems. The countries represented include Belgium, Germany, Italy, Spain, Sweden, and UK.

The ARMMS project was finished in 2002 with a series of national workshops. This book provides a list of papers presented at the workshop "Fit für die Maßgeschneiderte Massenfertigung durch agile, rekonfigurierbare Fertigungssysteme" which was held at the ISW in Stuttgart, March 2002.

- Advantages:
 - Printed exemplars available on request.
 - Free of charge electronical access to all chapters and/or book.
 - Download link will be provided among others on the COIN web page.



ICE

2011

**17th International Conference on Concurrent Enterprising
Aachen Germany, 20-22 June 2011**

BIBA

Agenda

Conference Day 2 - Tuesday, 21 June 2011

Collaboration and Interoperability Services in the COIN system: a scientific approach

09.00 Workshop Introduction - COIN Project, scientific results in a Book - Prof. Marcus Seifert - BIBA

09.15 COIN Book: Presentations from a selection of book initial articles and contributions (3 papers, 25 minutes each)

- The COIN Generic Service Platforms Federation for Enterprise Interoperability / Collaboration service provision - Sergio Gusmeroli - (TXT e-Solutions)
- COIN EI (EC) research results for enterprise innovation:
 - o Enterprise Collaboration Services (Patrick Sitek - BIBA)
 - o Enterprise Interoperability Services (Francesco Taglino - CNR IASI)

10.30 Coffee Break

11.00 COIN Book: Selection of papers and articles contributions presentation (2 papers, 25 minutes each)

- COIN in the Business: Enterprise Collaboration Maturity Model - Mikel Ede Vergara - European Software Institute (ESI)
- Bringing COIN to the Market - Francisco Javier Nieto De-Santos - ATOS Origin

11.50 COIN Policy Action Plan (**Marco Conte**, ESoCE)

12.10 Interactive session

12.30 Lunch