

Are we Close to Open Models?

ER 2013 Panel, 2013-11-12

► Starting point:

- tremendous propagation of open source in software development;
- in contrast to that: open models, as an analog paradigm, do not seem to gain comparable momentum

► Idea for the panel: explore the reasons for that divergence

► In fact there is a series of related initiatives

- Strecker and others announced “Conceptual Modelling as a New Entry in the Bazaar: The Open Model Approach” at the 2006 Open Source Systems conference.
- They also created a website <http://openmodels.org/> which, however, seems to be not active currently
- In 2007, the same authors initiated a discussion on **reference models** as potential candidates for open models and outlined success factors of open model initiatives.

- In 2012, a Dagstuhl seminar dealt with “**Open Models as a Foundation of Future Enterprise Systems**”.
- And there is also a platform for **Open Model Courseware** (<http://www.eclipse.org/gmt/omcw/>)
- Also, some companies offer services around open models for specific application domains.
- More recently, D. Karagiannis et al. formed OMI (<http://openmodels.at/web/omi/home>), a community pursuing the vision “**Models for everyone**”
- The idea here is to share
 - **meta-modeling tools,**
 - modeling tools developed with these,
 - models created using such tools, and
 - experiences made with all that

- ▶ However, all these are more or less isolated attempts,
 - there is no mainstream in open models, and
 - there is no proof that open models could be as helpful and such successful as open source
- ▶ our panelists will analyze the reasons for that and present arguments pro and contra, as well as approaches to open modeling
- ▶ Curious?
- ▶ Panelists: well known members of the community
- ▶ only short profiles (alphabetic order)

- ▶ Dimitris Karagiannis, Universität Wien
 - Born in Greece, studied informatics at TU Berlin
 - Headed the enterprise IS group at FAW Ulm from 1987-1992
 - Since 1993: Professor at TU Vienna, heading the DKE group: Data and Knowledge Engineering,
 - Very successful in practice with his company BOC: focus on Business Process Modeling and Tools: e.g. Adonis and ADOxx

► John Mylopoulos

- Also born in Greece; got his first degree from Brown University and his PhD at Princeton in 1970
- Since then he is with the University of Toronto; in parallel since long he is also a professor at University of Trento, Italy
- Main research interests are in modeling, knowledge based systems, IS design and requirements engineering
- John is running many research projects, is member of many editorial boards and co-authors of countless publications

► Jose Palazzo de Oliveira

- Born in Brasilia;
- has a Master degree from Universidade Federal do Rio Grande do Sul, Porto Alegre and got its PhD in Computer Science in France from the Institute National Polytechnique at Grenoble in 1984
- Professor at UFRGS
- More than 260 publications
- Very active in editorial boards and national as well as international committees

- ▶ Jeffrey Parsons, University of Newfoundland
 - Bachelor of commerce: Memorial university; PhD in Management IS University of British Columbia
 - Professor of IS and Associate Dean; Fac. of Business Administration, Memorial University of New Foundland
 - Senior Editor Journal of Association for IS and others
 - Many other functions and publications

► Liping Zhao, University of Manchester

- BSc and PhD in Computer Science
- Academic member of the University of Manchester
- Research focuses
 - on the discovery and development of reusable software patterns, symmetries and models, and
 - the application of these fundamentals to model-driven development and service-oriented computing.
- Co-founder and leader of the first academic network on service science in the UK
- guest editor for a special journal issue on Knowledge Intensive Service Systems for the International Journal of Services Technology and Management,
- and a book on Case Studies for Service Innovation.