Abstract

Course System Architecting Introduction

Distribution

This article or presentation is written as part of the Gaudi project. The Gaudi project philosophy is to improve by obtaining frequent feedback. Frequent feedback is pursued by an open creation process. This document is published as intermediate or nearly mature version to get feedback. Further distribution is allowed as long as the document remains complete and unchanged.
Abstract

This article describes the course Systems Architecting. The course is set up to make the art of system architecting more accessible. The course will address a wide spectrum of issues in relation with system architecture, such as: Processes, Business, Role and task of the system architect (team), Roadmapping, System Architect toolkit, Technical, Skills, and Psycho Social
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Timing Template of one subject

9:00 10:00 11:00 12:00 12:30
13:30 14:00 15:00 16:00 17:00
break
break

interactive exploration broadcast break
broadcast interactive discussion
break

groupwork discussion
Rules of the Interactive Parts

- Your contribution is essential.
- Don’t monopolize the time, everyone also the quiet people should have the opportunity to contribute;
  *The facilitator will intervene if the contribution is limited to a small group of participants.*
- Respect the contribution of others;
  *Opinions can’t be wrong, difference of opinion is normal and called pluri-formity.*
- The course format is highly experimental and based on improvisation, constructive proposals are welcome;
  *it is your course! Regular evaluations will give the opportunity to influence the rest of the course.*
• Please write your questions/remarks/statements on yellow stickers and attach them at the end on the P-ﬂip.

These will be used in the interactive section for discussion and to increase insight.

• Short clarification questions are welcome, discussion will take place in the interactive part.

• Stupid questions don’t exist. Learning is based on safe and open interaction. Very individual oriented questions can be referred to a break or after the session.
The Gaudí Project

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Abstract

The Gaudí project is described. The goals of the project, the way of working, and an outline for the period 2001 to 2003. The deliverables in terms of documents are positioned by means of a two-dimensional map. Courses based on the Gaudí material are described. The current status of the courses is given.
Goals of the Gaudí Project

- Consolidate existing Systems Architecting Methods
  *evaluate, reflect, generalize*

- Make the Systems Architecting art more accessible
  *case descriptions*

- Enable the education of (future) System Architects
  *curriculum, course material*

- Research new or improved Systems Architecting Methods
  *industry as laboratory*
Modular approach
Show Early to Get Feedback

leading principle:
show documents under construction
but clearly show their status
Growth of the System Architect

- Root technical knowledge
- Generalist technical knowledge
- Business, application insight
- Process insight
- Psychosocial skills
Positioning Courses

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Positioning Books

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GPproductivity

Productivity: number of new entries

- SARCH
- Performance
- CAFCR
- Modeling
- Evolvability

1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009

10 20 30 40

Philips BUC ESI

average productivity

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