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

Gaudi courses

- **Performance**
  - Architecting System Performance
- **Modeling**
  - System Modeling and Analysis
- **CAFCR**
  - Multi-Objective System Architecting and Design
- **SARCH**
  - System Architecting
- **Platforms and Evolvability**
  - Architecting Evolvable Product Families

**Root**
- technical designer

**Technical Generalist**
- business, application insight
- process insight

**Psycho-social interests**

**The Gaudí Project**

version: 3.1
January 28, 2015
PEVOCposition

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Productivity: number of new entries

- SARCH: 16, 22, 25, 36, 30, 28, 15
- CAFCR: 36, 30, 8, 32, 28, 6, 15
- Evolvability: Research, Reflection

Average productivity: 20

Years: 1999 to 2009

Philips to BUC

ESI