

Dominique VAUQUIER



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Methodologist

"Base action upon thought"

Modeler

"Represent before deciding"

Enterprise Architect

"Think Enterprise as a whole"

Creator & main author of the enterprise methodology, an open method



President of the Praxeme Institute

Summary of experience

2007	Currently Senior Architect at AXA Group
	Led international projects at AXA (Multi-Access program, Convergence training...)
2004	Advised CIOs for IT system overhaul (SMABTP, Celesio, CNP)
	Conducted modeling missions
2003	Manager in charge of the methodological transition offer at Logica Management
2002	Manager of Method & Architecture team at AZUR-GMF
1997	Director of the methodological Corpus at Unilog group
1992	Freelance consultant
1984	Developer, then IT project manager & designer at Unilog

Skills

- Project Management
- Management of Method & Architecture teams
- Methodology (Merise, object-oriented approach, UML expert, modeling techniques, quality)
- Enterprise architecture (architectural analysis starting with corporate strategy, business architecture, organization and process design)
- Logical architecture (SOA style, IS urbanization)

Education

Engineer from *École Nationale Supérieure des Techniques Industrielles et des Mines de Douai* (1984).

Publications

Sustainable IT Architecture – The Progressive Way of Overhauling Information Systems with SOA, with P. BONNET & JM DETAVERNIER, WILEY, 2009

Le Système d'information durable, Hermes, 2007

Praxeme – initiative pour une méthode publique, with Philippe DESFRAY (OMG), 2004

Le plan qualité du logiciel et des services Internet, AFNOR ed., 2003

La démarche orientée objet, Eyrolles, 1993

Many articles on methodology and modeling

<http://www.praxeme.org> (site of the association)

<http://dvau.praxeme.info> (blog in French)

<http://dvau-en.praxeme.info> (blog in English)

Communication: conferences & training

Upcoming: Marcus Evans' yearly conference on IS urbanization and Enterprise Architecture; Complex System Design and Management with École Polytechnique & École Centrale de Paris, Semantic Technology (San Francisco)

Past: Praxeme Symposium, Sustainable IT Architecture, Singapore CIO association, SOA Forum, SOA Dinner, MD-Day...

Regular training: Semantic modeling, SOA with Praxeme, A comprehensive approach of the enterprise...



Since August 2007, AXA Group – Senior Architect in Group Information System department, “Group Strategy & Architecture” team

Group IS is a transversal function, at group level (200.000 employees), which defines and steers the strategy of the group in matters of enterprise architecture and technology.

2010 – Leader of the “Unified Business Representation”, a joint endeavor between GIS department and AXA Way (in charge of business processes)

2009 – Leader of the “Services & Data modeling” initiative, in the context of the strategic Multi-Access program. Involved companies: AXA Germany, AXA Winterthur (Switzerland), AXA France, AXA Mediterranean & Latin America region

- Proof of concept of the methodology
- Semantic modeling and organization design in the scope of Lead management
- SOA design and General Architecture Dossier

2007-2010 – Architecture reviews with the companies, responsible for the standardization process and relations with the academic world

- Example: Peer architecture review for AXA Life Japan about Customer Information File and Partner Information Management
- Training and workshops for AXA Germany (methodology, modeling, architecture)
- Business Reference Capability Model (Group standard)
- Expertise in UML and modeling (“Acceptance” initiative, tool selection, support)
- Organization of conferences with AXA Research Funds

2008-2009 – Leader of the Convergence Training project. 15 companies involved

- Steering
- Definition of content
- Facilitation

2007-2008 – As an Enterprise Architect

- US: Audit of AXA Equitable system for distribution in preparation of the setting up of the Global Distribution entity
- Work on Group Target Architecture (approach based on TOGAF, methodological contribution, work on common business architecture, Enterprise Architecture tooling)

Senior Architect in the Group Strategy & Architecture team



Since October 2006, Praxeme Institute – President of the non-for-profit association

The initiative for an open method is backed by many companies and organizations (IBM Ilog, Sun Microsystems, *Direction Générale des Systèmes d’Information et de Communication...*). It counts among its contributors: SAGEM Defense, French Army, SMABTP (insurance company), Softeam, AXA Group. The French government officially recommends it to its administrations as the appropriate method for designing IT systems¹. At a European level, the SEMIC organization publishes method documents and open models that the institute delivers.

2010 “Exceptional Day” on Business Architecture and semantic modeling

2009 Training (sessions in Paris, Cologne and Brussels). Symposium: “Don’t waste the crisis! Do better with less”

2008 “Exceptional Day” on “Extreme Architecture!”

2007 “Exceptional Day”: “Praxeme applied to SOA”

2006 creation of the Praxeme Institute

President of the Association

¹ See the DGME website: : <http://www.references.modernisation.gouv.fr/rgi-interoperabilite>



From June 2002 to July 2007, senior consultant then manager at Unilog Management (later become Logica Management)

Consultant manager, method & modeling expert

2007 Jan.-July. – Manager of “**Data Domain**”, EDF (Electricity of France), Production Optimization department

- Management of a team of designers
- Semantic modeling of the production planning (tool: Mega)
- Logical Data Model and SOA method

2006 Sep.-Dec. – **Setting up of the Enterprise Architecture function** for the French Army (*Bureau Urbanisation des SI et Architecture*)

2005 Dec.-2006 July – **Metamodel of the Information System Repository**, *Caisses d’allocations familiales (CNAF)*

- Training of the IT managers – Exploration and Crystallization workshops
- Modeling – Based on standards: UML, SPEM, MDA, BMM... (CNAF contributed the metamodel to the Praxeme Corpus)
- Specification and supervision of tooling (Objecteering)

2004 Nov.-2005 – **Data repository** for Celesio Group (pharmaceutical distribution)

- Project management (international context: UK, Germany, France)
- Semantic modeling in the field of order process, preparing an SOA project
- Logical Data Model
- Method: documentation of the derivation rules to be applied to a semantic model for getting the LDM
- Tool: Mega Designer (UML notation)

2004-2006 – **Information System Overhaul** at SMABTP (*Société Mutuelle d’assurances du BTP*), an insurance company specialized in buildings and works sector

- CIO advisor (NB: “Sustainable IT Architecture” was co-authored by the deputy CIO as a result of this large project)
- Methodology: elaboration of the method for SOA (Service Oriented Architecture); methodological transition for the IT department
- Modeling: training and support of the team of modelers (in the field of claim management) – Specification of tooling (UML, Objecteering)
- Logical Architecture: elaboration of the Target Architecture, coaching of the Logical Architect, impact of the SOA approach on the organization

2003-2008 – Consulting, training and **methodological transition** for the French Army (CERSIAT: *Centre d’étude et de réalisation des systèmes d’information de l’armée de terre*)

- Methodological guidelines (mainly from 2005 Sep. to 2006 March; advisor to the decision-makers of the Defense administration)
- Model reviews
- Training and coaching in modeling (UML)
- Evaluation of UML tools and quality tools (quality of models and code) – mission management and expertise

2003 Sep.-2004 March – For SAGEM Aeronautics & Defense department

- Methodology of the GCS-NG project (Ground Control Station – New Generation): overhauling of the command system for UAV (Unmanned Air Vehicle) – elaboration, training, coaching
- For DGA (*Direction générale de l’armement*), in partnership with Dassault DST: design of an open and flexible architecture to guarantee interoperability of UAV systems

2003 Aug.-Sep. – Auchan (distribution): guidelines for complying with tax regulations for archiving

2003 Jul.-Aug. – Bonduelle (food-processing industry): software test, coaching (tool: Mercury)

2003 Mar.-Oct. – Thales Air Defense: methodological coaching of the “future systems” department

2002 June-2003 May – **Head of Method & Architecture team** for Azur-GMF group



1999 Apr.-2002 May – **Director of the group methodological corpus**

- Steering of the group investments in the field of quality and methodology
- Management of the introduction of quality (prior to ISO 9000 certification)
- Set up of knowledge management system (colleges, tooling)
- Design of the Knowledge & Offers architecture (in the group project for knowledge management)
- Elaboration of a business process design method, and application at Manpower group
- In parallel, consulting missions for Azur-GMF, Cora, France Telecom, French Army...

1997 Sep.-1999 March – **Head of Method domain for Unilog Training**

- Development of the training offer (courses in modeling, design, project management, quality)
- Facilitation of the method training
- In parallel, consulting missions: Cofiroute (methodological support), Hervé Thermique (methodological transition of the IT department)

1992-1997 – **Freelance consultant**

- 1996-1997 – Azur-GMF group: consulting in functional architecture; test methodology (development and deployment)
- 1995 - European Commission: Euromethod
- Studies for AFNOR (French standard organization)
- Model review for O2 Technology (vendor of an object-oriented database system)
- Training activity (Merise, object-oriented methods, test)
- 1994-1995 – “New Information System” program at CNP (*Caisse Nationale de Prévoyance*), member of the Method & Quality team (object-oriented technology)
- EDF-CERT (high-tension network): Quality plan (technology: O2 DBMS, Objecteering UML tool)
- Product development in partnership with O2 Technology
- 1992 Jul.-1994 June – *Crédit Commercial de France* (finance sector): training and modeling with traders, audit for the IT department



1984-1992 – **Unilog** (excerpts)

Period	Client	Project	Task
1992	France Telecom	Statistical analysis of trafic	Technical review, re-design and development (NSDK)
1989-1991	Unilog group	Method & Technology function	Expertise (transversal team) SDM/S, qualité
1987-1988	Ministry of the Interior (DOI)	Housing authority	Project manager (Unix, DOS, Oracle)
1985-1986	Defense	Fuel supplying service	Development and deployment of the solution
1984-1985	Local departments of social services	Maintenance of applications	Maintenance, deployment in the regions and training
1984 Sep.			Trainee

1980-1984 – Student-engineer in Ecole des Mines de Douai (internship in mining, the building sector and industry)

Method & Quality expert

Consultant

Developer, project manager, designer