Dominique VAUQUIER

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TOGAF 8 Certified

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

Praxeme
Meaning in action

President of the Praxeme Institute

Summary of experience

- 2013 — President of Praxademia SAS
- 2012 — Group IT Strategy & Enterprise Architecture, at AXA Group
- Led international projects at AXA Group (Multi-Access program, Convergence training…)
- 2007 — Advised CIOs for IT system overhaul (SMABTP, Celesio, CNP)
- 2004 — Conducted modeling missions
- Manager in charge of the methodological transition offer at Logica Management
- 2003 — Manager of Method & Architecture team at AZUR-GMF
- 2002 — Director of the methodological Corpus at Unilog group
- 1997 — Freelance consultant
- 1992 — Developer, then IT project manager & designer at Unilog
- 1984

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, 1997

La démarche orientée objet, Eyrolles, 1993

Several 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

Regular lectures in the context of Praxeme Symposium

Amsterdam 2011: Thought Leader Global; Paris 2011: Marcus Evans' yearly conference on IS urbanization and Enterprise Architecture; Berlin 2010: Marcus Evans, Enterprise Architecture Management; Paris, 2010: Complex System Design and Management with École Polytechnique & École Centrale de Paris

Praxeme Symposium, Sustainable IT Architecture, Singapore CIO association, SOA Forum, SOA Dinner, MD-Day…

Regular training: Ecole Centrale de Paris (Engineering school), Semantic modeling, SOA with Praxeme, Business Architecture & Transformation…

On-going missions (2018):

- CNP Assurances: "Architecture & Data" team leader (10 global architects + architecture community); development of the architecture methodology; target architecture design; business architecture and logical architecture implementation, in coordination with the "Technological Architecture" central team; reporting to group CIO and Architecture Committee
- Bolloré Transport Logistics: consulting in architecture design and methodology
- Institut catholique de Lille: workshop facilitation; process modeling applied to registration, offer development, study follow-up…
- Grand Port Maritime de Guyane: process modeling covering the entire activity of the port organization (BPMN), project leadership including specification and implementation of internal monitoring (indicators, regulations)

Since October 2013 (as Praxademia), main missions include:

- Groupe Pasteur Mutualité: corporate strategy, IT strategy, general architecture, business modeling, SOA design (starting with the Business Objects repositories)
- Groupe Prunay (IS overhauling, business convergence)
- Training activity via Orsys: SOA (architecture & design), BPMN, BPM projects
- Training and consulting for HEP Vaud and HES-SO (Switzerland, education sector): Business Architecture, semantic modeling

From July 2012 to September 2013: Consulting missions on enterprise architecture for Française des Jeux (French Lottery), Group Prunay, Direction interministérielle des systèmes d'information et de communication (French Government), L'Oréal

Training activity:

- Development and facilitation of the exceptional training course "Business Architecture & Transformation", in cooperation with Prof. Loïc DEPECKER (Sorbonne University); partners: Française des Jeux (French Lottery) and Volvo Group
- Orsys training offer: "Business Process modeling with BPMN", "SOA – architecture design" (development and facilitation)

From **January 2011 to January 2012, as a freelance consultant: research project for RATP (leading public transportation company)**

Applied the Praxeme method to transport system modeling
- Method documents (modeling techniques and approach to physical systems)
- Workshop facilitation (audience: transport experts and line managers)
- Semantic modeling of infrastructure and signaling system; architecture of the future system (innovation)
- Proof of concept, which demonstrated how signal issues can be anticipated

Since October 2006, Praxeme Institute – President of the not-for-profit association
The initiative for an open method is backed by many companies and organizations (Defense Department, 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 systems[1]. At a European level, the SEMIC organization publishes method documents and open models that the institute delivers.
2012 "Exceptional Day" on "Business Architecture & Transformation", release of the Guide of intentional aspect and the Business Architect's vade mecum
2011 Integration of the Performance Tree method into the enterprise methodology
2010 "Exceptional Day" on Business Architecture and semantic modeling

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

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

Senior Architect in the Group Strategy & Architecture team

From August 2007 to June 2012, 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, in line with the corporate strategy.

2011-2012 – In charge of the Enterprise Architecture handbook, in collaboration with the Chief Architects from AXA companies
- Involved in the package selection process (developed a method for assessing ERP solution). Participated in benchmarking of solutions in the field of insurance business
- "ACORD Adoption" initiative with the Data Architecture working group (Insurance Information Model)

2011-2012 – Leader of the Business Architecture working group
- AXA Business Architecture blueprint & method
- Main topics included: customer centricity and its implications in third-party distribution and direct sales contexts (B2B, B2C); multi-channel architecture around a common semantic core; interoperability, innovation

2010 – Leader of the "Unified Business Representation", a joint endeavor between GIS department and AXA Way (in charge of business processes)
- Business Capability Reference Model: detailed description of the marketing area in terms of business capabilities
- Analysis of the Customer's Journey (B2C) and the Distributor's Journey (B2B). Strategic and architectural reflection on how both models have to evolve and what is the impact on IT

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. Functional scope: lead management (marketing).
- Proof of concept of the methodology
- Semantic modeling and organization design in the scope of Lead management
- SOA design and General Architecture Dossier

2007-2011 – 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, in the context of the marketing program
- 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)
- Participated in the marketing initiative on Digital Business
- Investigation on marketing directions, with the Group Marketing department

Consultant manager, method & modeling expert

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

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

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2003 Jul.-Aug. – Bonduelle (food-processing industry): software tests, 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

Unilog

Method & Quality expert

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)

Consultant

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

Unilog

Developer, project manager, designer

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)