

### Specialties

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- Core XML Technologies
- XPath, XSLT, XQuery, XML Schema (XSD), XProc
- Web Services and SOA standards (WSDL, SOAP, WS-\*)
- Business Processes analysis & design (BPMN & BPEL)

### Technical skills

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#### XML

- **XQuery**, **XSLT** and **XPath**
- **XML Schemas**, Relax NG and Schematron
- **eXist** and **MarkLogic** XML databases
- **Saxon**, **BaseX**, EMC **xDB**, **Qizx**, **Zorba**
- **XProc**
- **XSL-FO**, **DITA**, DocBook, HTML and XHTML
- **SAX**, **StAX**, **DOM** and other Java APIs for XML
- **XForms** and Orbeon Forms Server
- ISO/IEC 19757 **DSDL**
- **UBL**, **XBRL**, **FpML**
- **ISO/IEC 20022** (used in **SEPA**)

#### Web services & SOA

- **WSDL**, **SOAP** and the **WS-\*** stack
- The **SOA** principles and patterns
- BPM analysis and design: **BPMN** and **BPEL**
- **JAX-WS** technologies
- Oracle **SOA Suite**, **BPM Suite** and **Service Bus**
- **soapUI**

#### Web containers

- Apache **Tomcat** container
- Oracle **GlassFish** server
- **JBoss** Enterprise Middleware
- Oracle **WebLogic**

#### Databases

- **eXist** native XML database
- **MarkLogic** native XML databases
- EMC **xDB** native XML database
- Oracle database, and Oracle XML/DB

#### Methodology

- **Agile** methodology
- **Design patterns** (OO, SOA and xUnit)
- **Test-driven** development
- SOA and Business Process modeling

### Organizations

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#### MarkLogic SuperNodes

June 2011 – Present

#### eXist XML Database

December 2010 - Present

#### XML Guild

April 2010 - Present

#### XSpec

January 2010 - Present

#### W3C XSLT and XQuery Working Group

November 2009 - Present

#### W3C EXPath Community Group

March 2009 - Present

### Contact

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## Professional experience

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### Data Analyst & XQuery Expert

RBI / ICIS

June 2012 - Present | London

### Teacher

XML Summer School

September 2012 | Oxford

### Product Integrator

SDL

June 2012 | Mechelen, Brussels Area

### Teacher

University Versailles/Saint-Quentin

March - April 2012 | Paris

### SOA & BPM Analyst & Designer

European Commission – DG Research

September 2011 - March 2012 | Brussels

### SOA Auditor

European Commission – DG Research

June - August 2011 | Brussels

### XProc Trainer

OCDE

May 2011 | Paris

### XML & XQuery Expert

EMC<sup>2</sup> | Final client: Credit Agricole Group - CEDICAM

December 2010 - May 2011 | Paris

### XQuery & XSLT Expert

John Wiley & Sons

2010 | London

### Business Analyst and Architect

European Commission – DG Research

July – December 2009 | Brussels

### Project Manager and XSLT/XSL-FO Expert

European Commission – DG Research

January - June 2009 | Brussels

### Business Analyst and XSLT/XSL-FO Expert

European Commission – DG Research

October - December 2008 | Brussels

### XML Expert

European Commission – DG Research

April - September 2008 | Brussels

### Project Manager – SOA Designer

Acheron Capital

December 2007 – April 2008 | London

### SOA Specialist

Atos Origin Belgium | Final client: Mobistar

March – November 2007 | Brussels

### XSLT and XSL-FO Expert, and SOA Designer

ING Lease Belgium

July 2005 – February 2007 | Brussels

### Developer

European Organization for Nuclear Research

February – May 2005 | Geneva



## Publications and conferences

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Mar 2011 - **XML Prague**: *CXAN: a case-study for Servlex, an XML web framework.*

Oct-Dec 2010 - Reviewer of **SOA with REST** by Cesare Pautasso et al., Prentice Hall 2010.

Aug 2010 - **Balisage**: *A packaging system for EXPath.*

Mar 2010 - **XML Prague**: *EXPath: Packaging, and Web applications.*

Aug 2009 - **Balisage**: *A practical introduction to EXPath.*

Mar 2009 - **XML Prague**: *A practical introduction to EXSLT 2.0.*

Jul-Oct 2008 - Contributor to **SOA Design Patterns** by Thomas Erl et al., Prentice Hall 2009.

Feb-Jun 2008 - Reviewer of **Web Service Contract Design and Versioning for SOA** by Thomas Erl et al., Prentice Hall 2008.



## Academics

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Mar-Apr 2012 - Taught the **XML class** at the **University Versailles/Saint-Quentin** (Paris), for the Master in IT.

May 2011 - Gave a **training on XProc** at the **OECD** in Paris.

Oct 2008 - Certified **SOA Architect**, by SOASchool.com™ (with *honours*).

Jan 2007 - Sun Certified **Java Programmer**.

Jan 2007 - Followed the training **Developing Applications for the Java EE Platform** at Sun.

Sep 2005 - IPL. Graduated in Computer Science, specialization in Artificial Intelligence, with *honours*.

Aug 2005 - Thesis: « *Analysis and design of the Relational DBMS-access module for Object-Oriented C, and implementation for Oracle.* »