

Florent Georges

Help you define your data strategy

Specialties

- **Management** — Tech lead, teaching, process coaching
- **Semantics** — RDF, RDFS, OWL, SPARQL, Triplestores
- **NoSQL** and **Data** — Documents, Graphs, MarkLogic, eXist
- **XML** — XQuery, XPath, XSLT, XML Schema
- **Web Services** and **SOA** — WSDL, SOAP, WS-*, BPMN, BPEL

Technical skills

Semantics

- **RDF**, data model, concepts and syntaxes
- Modeling: **RDFS**, RDFS+, **OWL**
- Querying: **SPARQL**
- Storing: **MarkLogic**, Jena
- Modeling tools: protégé, Smartlogic
- Open data, linked data

NoSQL

- **MarkLogic**, the Enterprise NoSQL database
- **eXist**, a NoSQL Document Database

XML

- **XQuery**, **XSLT** and **XPath**
- XML **Schemas**, XSD, Relax NG and Schematron
- Saxon, BaseX, EMC xDB, Qizx, Zorba
- XProc, **XSL-FO**, DITA, DocBook, HTML, XHTML
- XForms and Orbeon Forms Server
- DSDL, UBL, **XBRL**, FpML, and **ISO/IEC 20022**

Web

- **Node.js**
- **JavaScript**, client- and server-side
- **HTTP** (implemented Servlex, a web app server)
- **HTML5**, basic CSS
- Tomcat, GlassFish, WebLogic and JBoss

Web services & SOA

- **WSDL**, **SOAP** and the **WS-*** stack
- The **SOA** principles and patterns
- Business Processes: **BPMN** and **BPEL**

Methodology

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

Organizations

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 Groups

November 2009 - Present

W3C EXPath Community Group

March 2009 - Present

Contact

Name - Florent Georges

Company - H2O Consulting, <http://h2o.consulting/>

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Languages - French (native), English (fluent)

LinkedIn - <http://linkedin.com/in/fgeorges>

Twitter - <http://twitter.com/fgeorges>

GitHub - <http://github.com/fgeorges>

Professional experience

Semantic Web Architect

BNP Paribas
February 2016 - Present | Paris

Faculty

Trends in XSLT and XQuery
September 2012 - Present | Oxford

Principal Consultant

MarkLogic
April 2015 - April 2016 | London

Solution Architect

MarkLogic
April 2014 - April 2015 | London

Data Architect

RBI / ICIS
June 2012 - April 2014 | London

Teacher

University Versailles/Saint-Quentin
March - April 2012 | Paris

SOA & BPM Analyst

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

EMC² | 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

XSL Expert

European Commission – DG Research
October 2008 - June 2009 | Brussels

XML Expert

European Commission – DG Research
April - September 2008 | Brussels

SOA Designer

Acheron Capital
December 2007 – April 2008 | London

SOA Specialist

Atos Origin Belgium | Mobistar
March – November 2007 | Brussels

XSL Expert - SOA Designer

ING Lease Belgium
July 2005 – February 2007 | Brussels

Developer

European Organization for Nuclear Research
February – May 2005 | Geneva

Publications and conferences

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

Sep 2012-Present - Teach the class on **Trends in XSLT and XQuery** at the XML Summer School in Oxford.

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.* »