

XML, the lingua franca for Web services & SOA

Nationality: Florent Georges
Phone: Belgian
+32 497 113 244
Address: rue de Savoie, 73
1060 Brussels
Belgium

Date of birth: H2O Consulting
1979, 1st of September
Gender: Male
Email: fgeorges@h2oconsulting.be
Website: <http://h2oconsulting.be/>
Weblog: <http://fgeorges.blogspot.com/>

Key skills: **XML Core** technologies, in particular **XSLT**, **XQuery**, **XML Schema** and **XProc**
Web services standards and **SOA** principles
Java Enterprise developer
Object-Oriented modelling

PROFESSIONAL

Mar. 2010 – Sep. 2010 John Wiley & Sons, London
XQuery & XSLT expert on a large-scale project for a publishing company, using MarkLogic Server.

Jun. 2009 – Dec. 2009 European Commission, Brussels (Directorate General for Research)
Business analyst and Java EE architect.

Jan. 2009 – Jun. 2009 European Commission, Brussels (Directorate General for Research)
XSLT & XSL-FO expert, interfaced with Flex.

Sep. 2008 – Dec. 2008 European Commission, Brussels (Directorate General for Research)
Analysed document sets, XSLT & XSL-FO expert, interfaced with Java EE.

Apr. 2008 – Aug. 2008 European Commission, Brussels (Directorate General for Research)
*Expert consultant for all XML-related questions: XSLT, XQuery, Orbeon XForms, and eXist XML database in particular.
Java EE senior developer.*

Dec. 2007 – Apr. 2008 Acheron Capital, London
*Designed the Enterprise Data Model, and analysed the Business Processes. Analysed, designed and developed Web services to interface with the legacy financial calculation engine, in Java EE.
worked as a project manager.*

Mar. 2007 – Nov. 2007 Atos Origin Belgium, Brussels (final client: Mobistar)
*Analysed, designed and developed several independent Web services interfacing with legacy systems, in Java EE.
Worked as the main Java developer of an SOA solution, using an ESB (research project on SOA at Mobistar).*

Jul. 2005 – Feb. 2007 ING Lease Belgium, Brussels
*Worked as an analyst on all document sets.
Worked as an XSLT & XSL-FO expert consultant.
Worked as a point of contact between the team and the customer.
Developed a framework to generate all ING Lease Belgium documents.*

Feb. 2005 – May. 2005 European Organization for Nuclear Research (CERN), Geneva
Worked as an analyst, designer, and developer for the data-access library (JDBC-like) for Object-Oriented C at the Accelerator Technology Department. Implementation for Oracle with OCI.

TECHNICAL

XML-related technologies:

Expert in **XSLT** and **XPath**, both 1.0 and 2.0.
Expert in **XQuery** and **XML Schemas**.
Very good at **Web Services** principles, standards, technologies, and tools.
Very good at **XML Infoset**, **Relax NG**, **Schematron**.
Very good at **XSL-FO**, **DocBook**, **HTML** and **XHTML**.
Good knowledge of **eXist** and **MarkLogic** XML databases.
Good knowledge of **XProc**, the XML Pipeline Language from the **W3C**.
Good knowledge of **DOM**, **SAX** and **StAX** APIs, and various **Java APIs** for XML Processing.
Good knowledge of **Orbeon Presentation Server** and **CSS**.
Good knowledge of **ISO/IEC 19757 DSDL** (particularly Relax NG, Schematron, NVDL & DTLL.)
Basic knowledge of standard vocabularies, such as **UBL**, **XBRL** and **FpML**.

Design & Architecture tools & languages:

Very good at **SOA** principles, standards, technologies and tools (certified **SOACP** Architect).
Good knowledge of **UML** and several **Design Patterns** catalogs.
Good knowledge of **Business Process Management** (in particular BPMN & BPEL).

Programming languages:

Very good at **Java** (certified **SCJP**), including various libraries, frameworks and **Java EE** servers.
Very good at **C**, **C++**.
Good knowledge of **Common Lisp** and other Lisp flavours.
Good knowledge of **Perl**.
Good knowledge of **Regular Expressions**.
Basic knowledge of **Javascript** and **AJAX**.
Basic knowledge of several languages like **Python**, **SED** and **AWK**.

Database technologies & products:

Good knowledge of **eXist** and **MarkLogic** XML databases.
Good understanding of **Oracle Database**.
Basic experience with **Oracle XML Database** aka XMLDB (at both Atos Origin & ING Lease).

Operating systems:

Good knowledge of **Unix System V**-style OS (**Linux** and **Solaris**).
Daily user of various **Linux** distributions from 1998 to 2007, and of **Mac OS X** since 2008.
Good understanding of **Windows platform**.

ACADEMICAL

August 2010	Balisage: The Markup Conference 2010: A packaging system for EXPath.
March 2010	XML Prague conferences: <i>EXPath: Packaging, and Web applications.</i>
November 2009 - now	Invited Expert at the W3C , in the XSL Working Group.
August 2009	Balisage: The Markup Conference 2009: A practical introduction to EXPath: Collaboratively Defining Open Standards for Portable XPath Extensions.
March 2009	XML Prague conferences: <i>A practical introduction to EXSLT 2.0</i>
October 2008	Passed the SOA Certified Architect exam by SOASchool.com™ with <i>honours</i>
July-October 2008	Contributor of SOA Design Patterns by Thomas Erl et al., Prentice Hall 2009, ISBN 0136135161
February-June 2008	Main technical reviewer of Web Service Contract Design and Versioning for SOA by Thomas Erl et al., Prentice Hall 2008, ISBN 013613517X
February 2007	Passed the Sun Certified Java Programmer certification.
January 2007	Attended the workshop Developing Applications for the Java EE Platform at Sun Microsystems (FJ-310-EE5).
Promotion 2005	Institut Paul Lambin, Haute École Léonard de Vinci (aka. IPL). Graduated in Computer Science, specialization in Artificial Intelligence, with <i>honours</i> .
Thesis, 2005	<i>Analysis and design of the Relational DBMS-access module for Object-Oriented C, and implementation for Oracle.</i>

LANGUAGES

- Perfect French (mother tongue)
- Good technical written English, upper-intermediate in spoken English

OTHER ACTIVITIES AND INTERESTS

- Initiator and main maintainer of **EXPath** <http://expath.org/>, "*Collaboratively Defining Open Standards for Portable XPath Extensions.*"
- Initiator and main maintainer of several open-source implementations of **EXPath modules**.
- Main maintainer of **XSpec** <http://xspec.googlecode.com/>, a framework for writing and running **unit tests** for **XPath**, **XSLT** and **XQuery**.
- Author of **XSLT Test Cases** <http://fgeorges.org/xslt/xslt-unit/>, a framework for writing and executing **unit tests for XSLT**, as well as as tools and extensions for XSLT, XQuery and Saxon.
- Author of an **HTTP extension for Saxon** <http://fgeorges.org/xslt/saxon-ext/>, allowing querying **Web services** using SOAP and REST from within XSLT.
- Active member of the **Kernow** development team <http://kernowforsaxon.sf.net/>.
- Regular contributor to **XSL List**, the world-leading discussion list about XPath, XSLT & XSL-FO.