

Curriculum Vitae

Personal Information

Name	Alberto Attilio
Surname	Reggiori
Born	17.11.1973
Place of Birth	Cittiglio - VA (I)
Citizenship	Italian
Military Service	accomplished (February 1994 - February 1995)
Address	116a Brackenbury Road W6 0BD – London (United Kingdom)
Phone	+447760234419
Email	areggiori@gmail.com
Web	http://reggiori.webweaving.org
FOAF	http://foaf.aseantics.com/alberto

Professional Experience

Since January 2003

Chief Executive Officer, former Chief Technical Officer, founder and partner of Aseantics S.r.l – Rome(I)

Senior software architect and developer for the British Broadcasting Corporation (BBC) to build a next generation feed aggregator inside the Memoryshare initiative using a Web 2.0 and RDF/Data Web hybrid architecture.

Inside the Joost venture senior design lead and project manager of metadata activities and digital asset management tools to bridge content owners, metadata engineering and management related workflows. Support to the design of overall backend system architecture since early days of the project.

Semantic Web and RDF senior developer and evangelist for various European customers. Data management, integration and interoperability from corporate databases, to legacy data to geo-referenced information. Prime developer of RDFStore a fast and native Semantic Web storage engine which deals with RDF directly and which can do RDQL/SPARQL queries.

Active member inside the W3C Data Access Working Group (DAWG) aiming to design and specify the next generation SPARQL Query Language for RDF.

Development of various Open-Source packages and participation to W3C standardization related to RDF and RDF Query languages. As well active member of the FOAF and RDFIG/SWIG community. Developments related to an Open-Source Web Map Server (WMS) to overlay RDF/XML information and features; and other geo-referenced information.

Senior design lead and developer of a fully multilingual English and Chinese WebMail platform (Chinglish) to easy Chinese user community to learn and use the English language; using a multilingual on-demand translation, speech and dictionary UI.

February-March 2008

Advisor on Strategic Metadata Assessment at the British Broadcasting Corporation (BBC)

September 1999-2002

Temporary agent for the European Commission at ISIS/RIT, JRC – Ispra (I)

Inside the European Treasury Browser project, senior software architect and developer of a multimedia-education metadata repository and a user-friendly search UI using a multilingual thesaurus.

Inside the Open GIS Consortium (OGC) JRC Web Mapping Testbed prototyping of the GetServerCapabilities services about EU wide geo datasets.

Other tasks daily fulfilled included system administration and maintenance of Web operational machines running FreeBSD and Linux; and installation, compilation and customisation of public available software for UNIX

February 1997 - April 1999

Collaboration with A.R.E.A. at ISIS/RIT and EI/EIS, JRC Ispra (I)

Inside the ParEuNet project, junior software architect and developer of a Web based learning environment on the European Parliament for secondary school students in Europe (ParEuNet). Web based OODBMS, XML meta-modelling and styling templates, multilingual interfaces, user profile and session management, live document editing and sharing, messaging system and group work. HTTP traffic load balancing and caching.

Inside the Prometheus project junior developer of a Web based newsletter system about technology watch using RSS/XML syndication.

Inside the ACE-2 project junior software architect and developer of a Web based On-Line Catalogue System (OLC) to be used during the ACE-2 project field experiment. Msqldb based meta-information storage about preliminary ACE-2 datasets using a WWW PHP/FI based interface to browse and edit database entries.

June-May 1996

Collaboration with Doc-a-Ware as junior software architect and developer for the Rollon company aimed to build a Web Internet/Intranet dial-up based mirroring system using the Linux 2.0 operating system. Dynamic HTML pages and PDF documents generation.

July 1995 - January 1996

Collaboration with MAIND at ISIS/SMA/TA, JRC, Ispra(I) inside the POP Sicily Project B. Collection of data to study the air pollution phenomena for the urban areas of Messina, Palermo and Catania. (geographic, demographic,

meteorological and transport data). Junior software developer of an air pollution model for the urban areas of Messina and Palermo using the C programming language; and development of a Geographic Information System (GIS) gateway to the World Wide Web for the CEO project.

Projects

RDFStore

Senior software architect and developer of the Open-Source RDFStore toolkit, including an ad-hoc native hashed-storage, indexing and parsing model for RDF; early implementation of an RDQL/SPARQL query engine and management APIs to various RDF tools - <http://rdfstore.sourceforge.net>

Education

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| 1992-1993 | First year at the Faculty of Electronic Engineering of the Politecnico of Milano(I) |
| 1988-1992 | ITIS (Istituto Tecnico Industriale Statale) L.Cobianchi in Verbania Intra (I) Certificate on Perito Informatico |

Summary of qualifications

Course of “Object Oriented Programming in C++” with ETNOTEAM Software Technology S.p.a. Milano Italy 5-7 October 1995

Course of “Advanced Java Programming” with CONSYS Rho (MI) Italy 18-19 October 1999

Presentations

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|---------------|---|
| November 2007 | Presentation at SWIG-UK Semantic Web workshop HP Labs Bristol, UK
“The BBC Content Aggregator for the Memoryshare service”

Podcast - Alberto Reggiori Talks with Talis about Asemantics and the Semantic Web -
http://blogs.talis.com/nodalities/2007/11/alberto_reggiori_talks_with_ta.php |
| August 2004 | Presentation at 1 st FOAFCamp and EuroFOO (Campus of Twente University Enschede, The Netherlands)

“RDFStore” and “playing with RDF, FOAF and RDFStore” |
| May 2003 | Presentation at the Twelfth International World Wide Web Conference Developers Days Track 20-24 May 2003, Budapest, HUNGARY

“RDQL for REAL!” |

June 2002 Presentation at the 1st International Semantic Web Conference (ISWC2002)
June 9-12th Baia Chia, Cagliari Sardina (Italy)

“Three Implementations of SquishQL, a Simple RDF Query Language”

June 1998

Presentation at the Educational Multimedia Task Force Concertation Meeting
– Brussels (B)

“The Extensible Markup Language (XML)”

June 1996

Presentation at the JRC GIS Workshop Ispra (I)

“The development of a GIS-gateway for the WWW”

Publications

Dirk-Willem van Gulik, Alberto Reggiori, Zavisa Bjelogrljic	A Name Resolution Mechanism for the RDF Model	The Thirteenth World Wide Web Conference Developers Days	New York City	May 2004
Zavisa Bjelogrljic, Dirk-Willem van Gulik, Alberto Reggiori	Making Business Sense of the Semantic Web	2 nd International Semantic Web Conference	Sanibel Island, Florida USA	July 2003
Libby Miller, Andy Seaborne, Alberto Reggiori	Three Implementations of SquishQL, a Simple RDF Query Language	1 st International Semantic Web Conference	Baia Chia, Cagliari Sardina, Italy	April 2002
Boehner C., Mattarelli M., Reggiori A., Haastrup P.	Gateways to the WWW	EUR 18678 EN, European Communities	Ispra (I)	November 1998
Marc Van Liedekerke Reggiori A. Frank Raes	In-Field and Real-Time use of WWW Technology for Decision-Making and Operations Planning for Large environmental Experiments : the ACE-2 Experience	ECOINFORMA 97 Conference	Munich (Germany)	October 1997

Reggiori A.	Studio delle problematiche relative all'interfacciamento di sistemi GIS con il World Wide Web	Note POM-11-96-01 (MAIND)	Milan (I)	December 1996
Haastrup P. Boehner C. Reggiori A.	The GIS-WWW Gateway	"Joint European Conference and Exhibition on Geographical Information '97 - Proceedings", IOS Press	Amsterdam	1997
Haastrup P. Boehner C. Reggiori A.	The GIS-WWW Gateway Version 1.0	Technical Note No. I.96.155	Ispra (I)	September 1996

Languages

Languages	Mother	Written	Spoken
Italian	X		
English		Excellent	Fluent

Knowledge of Informatics

Programming languages	Structured	Object-oriented
	C, PHP/FI, SQL, WordBasic, Modula 2, Pascal, Assembly xx86	PERL, JavaScript, C++, JAVA, AppleScript
Operating Systems	UNIX	Windows
	OSX, SunOS 4.1.x, XENIX, Linux, FreeBSD, Solaris 2.6 (running X-Windows/CDE/KDE)	Windows 3.xx, Windows 95, Windows 98, Windows XP
Office Automation	UNIX	Windows
	KeyNote, iWorks, StarOffice, Applixware Office	Microsoft Office, Exchange/Outlook
Networking	Internet protocols (TCP/IP, http, DNS), PPP, Jabber	

GIS	ARC/INFO (bases), AML programming, GML, WMS/WFS