

Jérôme Andrieux

Innovation & communication

In a few words ...

An academic agronomy engineer, fond of new technologies, with a scientific background, motivated by innovation, communication, sustainable development and opensource.

Professional experiences

2010–today **Senior GIS Architect**, *CapGemini*, Nantes, FR, *Geospatial Center of Excellence*.

In charge of large scale geospatial and internet projects for capgemini clients :

- Opensource companies partnership
- Internet usages expertise
- Security and performance auditing

See <http://voyages-sncf.com> or <http://geoportail.fr>

1998–today **Opensource lobbyist**.

The opensource success relies on a tight knot implying industry leaders and motivated individuals.

I'm involved in many opensource (mostly geospatial) related projects and communities as both a hobbyist and a lobbyist :

- projects involvement : development, patches, etc
- opensource solutions setup for associations, administrations or enterprises
- communication : conferences (Rencontres mondiales du logiciel libre 2005, Dijon), Agrimédia, georezo.net, APRIL, OSGEO, blog, etc
- Teaching : Maison de la télédétection (Montpellier, FR) (Remote Sensing Institute), French Government (Paris, FR), etc

See <http://linuxfr.org>, <http://gcu.info>, <http://georezo.net>

2008–2009 **European new technologies and communication expert**, *EU – ENA*, Tunis, TN, *AIDA*.

In the context of a European funded cooperation program (MEDA), for the benefit of the Tunisian agriculture ministry, development of a communication and information system for the reinforcement of the veterinary services capabilities.

2005–2009 **Technical project manager & Internet strategist**, *Ministry of Agriculture and Fisheries*, Paris, FR, *Internet Communication Strategy*.

In charge of the ministry new technology based communication project :

- analysis, planning and budgeting
- development
- durability and change management
- auditing and prospecting

These missions require communication, agronomical and technical skills to fulfil the ministry expectations : – innovation for the benefit of the ministry agents and users

- efficiency and pertinence, particularly in crisis situation
- systems reliability and durability

See <http://agriculture.gouv.fr> and http://google.fr/search?q=site%3A*.agriculture.gouv.fr

2003–2005 **Study engineer**, *INRA – ACTA – ICTA*, Toulouse, FR.

Creation of an operational modelling platform between all major actors of agronomic research and development for the promotion, usage, valorization of scientific modelling. Related missions are :

- political : information, communication
- technical : competency transfer
- economical : software development for the partners
- practical : team management, knowledge management, change management
- relational : network animation, communication

See <http://www.modelia.org>

Academic internship

2003 **Specifications for a electromagnetic induction collecting device for soil cartography**, *Geosys*, Toulouse, FR, 6 monthes.

Innovating approach in usage of an industrial sensor for agronomical purpose.

See <http://geosys.com>

2002 **Interactive vizualization of dairy herd data**, *McGill University, DIS*, Montreal, CA, 3 monthes.

Specifications and development of an innovating software for dairy herd data interactive vizualization implementing a the medical "life lines" concept and thus allowing fast abnormalities detection.

Development, signal processing, data mining, genetics

See <http://www.mcgill.ca/dis/>

Skills

Project management and communication.

- project management (specifications, planning, budgeting, change management, ...)
- team management and client relations
- political and technical communication

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Sciences, agronomy and sustainable development.

- general scientific culture and good understanding of research processes
- good knowledge of the geospatial market
- confirmed expertise in knowledge transfer and change management

Web and new technologies.

OS GNU/Linux, BSD, MacOSX, virtualization, Windows

Administration shell scripting, nagios supervisor, auditing

Architecture high availability, LAMP, Zope, J2EE, SSO, ...

Web Design, user interface, SEO, referencing, PHP, XML, CSS, Javascript, XSL, Python, Ruby

Development Python, PHP, shell, Java, C

Geospatial GRASS, PostGIS, OpenLayers, ESRI, OGC std, ...

Methods agile, MERISE, UML, wiki, SCM, tickets

Languages

English **Fluent**

Who isn't nowadays ?

German **Scolar**

Academics

2000–2003 **Agro & new technologies master**, ENITA, Bordeaux, FR, *Sp. "AgroTIC"*.
From the general agro engineer, I specialized in new technologies.
See <http://agrotic.org>

1998–2000 **Prépa et DEUG**, Lycée Michel Montaigne, Bordeaux, FR.

Last words

Internet ID <http://jerome.jardinmagique.info> for more details about my Internet identity and activities. (Haa, namesakes nowadays)

Hobbies Photography, cuisine, go game, music, botanics, wood crafting, mechanics, internet, unix, politics, mathematics, poetry, agronomy, all at the same time if possible.