

Jochen Maes  
Lange Akker 23  
9240 Zele

**Birth Date:** 31/12/1978  
**Mother tongue:** Dutch  
**Nationality:** Belgian  
**Civil Status:** Married

### **About Me**

I'm a developer who became an system engineer by learning it by myself. I have no higher education in IT and for me that is an advantage, as it did not form me in any way and I had the luxury to be able to learn at my own speed.

I have worked at almost all levels in a company, from a junior engineer/developer to a manager to a manager managing a team of developers or system engineers.

Within the Linux area I have had experiences with pretty much all technologies, some extensive, some superficial. What I don't know I learn at a very fast pace and I have the ability to adapt to almost every situation.

The last few years I've experienced the ins and outs of people management (hiring, setting objectives, assigning bonuses,...) and team management (SCRUM, Kanban).

## Skills

- Methodologies:
  - SCRUM, Kanban, Devops (mindset)
- Programming:
  - Languages: Python, Perl, Java, C++, C
  - Web: HTML, CSS, Python (Django), PHP, XSLT, XML
- Databases: PostgreSQL, MySQL, Oracle, Tamino, openldap
- Version Control: git, svn, cvs
- Tools: Trac, gitorious, reviewboard, bugzilla, redmine, otrs
- Infrastructure:
  - Operating Systems: Linux, Mac OSX, Solaris / Open Solari
  - Webservers: Apache
  - Application Servers: Tomcat, jboss, Websphere, Passenger
  - Mail: postfix, dovecot, courier-\*, mailman, cyrus-\*, Zarafa spamassassin, amavisd, squirrelmail, horde, (own SMTP server and collaboration tool written in Java)
  - Monitoring: nagios + Djagios, cacti
  - Virtualisation: KVM, Xen, VirtualBox, vmware
  - "cloud": cobbler, openQRM, Eucalyptus, Aserver cloud(Q-layer Virtual Private Datacenter)
  - Cfg Management : puppet, cfengine
- ...

## Languages:

- Dutch: mother tongue
- English: Good
- French: Good (writing is moderate)

## Career History

- January - ... **Yoda @ Brekiri**  
Co-Founder of Brekiri, building a business search engine that will help you find information on companies, industries, and business topics faster and with less monkey work.  
As Technical guy I wrote the whole current stack and helped setting the direction of the company.  
The stack consists of various open source tools that are loosely linked with each other through API's.
  - Django
  - Celery
  - RabbitMQ
  - Scrapy
  - Twisted
  - Solr
  - django-tastypie, django-celery, django-piston, django-haystack,...The service runs on ubuntu servers with postgresql, memcached and apache.  
You can see the result at <http://beta.brekiri.com/>
  
- July - december 2011 **System Engineer @ Isabel (SeJo IT)**  
See below
  
- May - June 2010 **System engineer @ Isabel**  
Working member of the internal System Team. Currently working on monitoring and configuration management for the 500+ servers they currently house.
  
- December - April 2010 **Open Source Expert @ Community Brasschaat**  
Setting up the complete Linux infrastructure for the OCMW, Community and police of Brasschaat. (OTRS, GPLI, OCS, Samba, Redmine, Squid, Openldap, Drupal,...)
  
- December 2009 **Open Source Expert @ BAM**  
Audit of the webbased CRM application of BAM. Make a future design for the application with new innovative Open Source technologies.
  
- December 2009 **Open Source Expert @ BOFAS**  
Audit of the tender application of BOFAS in terms of development and infrastructure. Make a future design for the application with new innovative Open Source technologies.  
Tuning of the database (optimized some statements from 70000ms to 200ms), and proposed a new database design.
  
- June 2009 - November 2009 **Open Source Architect @ RVA**  
Helping the customer with implementing Open Source applications. Designed and developed an Open Source monitoring framework on top of Nagios for RVA : [www.djagios.org](http://www.djagios.org).

Djagios is an open source Nagios web based configuration tool with a complete Python Nagios API.

- 2007 - May 2009 **Open Source Manager @ Q-Layer**  
Responsible for PyMonkey, this is a Python framework for System Engineers.  
In this function I was responsible for a team of Python developers working on the framework. I made sure the requirements of the Owner of the company were implemented. People management for my own team (hiring, salary, evaluations, setting objectives and measuring them)  
As we were creating Virtual Datacenter application I have gained in depth knowledge about the different Hypervisors ( vmware,Xen,KVM,VirtualBox) and learned how to implement the different workflows that talked with the Hypevisor.
  
- 2006 - 2007 **System Engineer Linux/Security @ IRIS ICT**  
In this period I was outsourced as consultant to ISABEL NV. As system engineer I was responsible for about 300 servers covering : monitoring & reporting (Nagios), mail infrastructure (postfix, amavisd, clamav, spamassassin, FuzzyOCR, PDFInfo), security (Access Management, SELinux, audit), apache (in house development of modules, compilation), VMWare esx (2.5 and 3), solving daily server problems.  
Technology : Perl
  
- 2004 - 2006 **Linux consultant @ BULL S.A.**  
An short overview of the projects I've done as a consultant for BULL :  
ILR : check vision projects  
Sibelga : installation Linux backend, for complete infrastructure: mail, firewall, proxy, fileserver, Nagios, openldap...  
Ossom : ia64 Linux implementation, print server, fileserver, mail server...  
InBev: Nagios Implementation  
Ville de Liège: Implementation of squirrel mail (with nuts mail), mailman, postfix, imapproxy, cyrus-imap, webmin...  
  
Used hardware: netbackup, EMC San, Clarion San, Santricity, fiber technology for storage, ia64 servers (Linux), blades...  
  
- 2004 - 2005 **Senior Developer @ Vision Informatique.**  
I developed a high performance application for ILR. This application is completely Open Source, and provides the Luxembourg administrations of all information needed without interfering with the Privacy Law in Luxembourg.  
The application is built completely in Java and provides a database engine, a query API, an Open CA, Ssh, user administration.
  
- 2001 - 2004 **JAVA Developer @ KBC Securities**  
In this period I worked on major projects as messaging to our

clients (own project), developing the client site ([www.bolero.be](http://www.bolero.be)) also own project.

- Messaging: Home made Java server that receives XML files from the iSeries and processes those XML files to be sent to clients as PDF files. The transfer is possible through SMS, email, Fax and standard letter. The server has been build dynamically so that every new document, letter or email can simply be sent through and will be processed with no consequences for other messages or the server itself. This server has an uptime for more then a year without downtime.
- [www.bolero.be](http://www.bolero.be): The client site is developed to be as dynamic as possible, we have big clients, and institutional clients that wish to use our services in a familiar environment. Therefore the site has been developed so that every client can have its own layout, images and even custom pages. The old functionalities like stock trading account managing, news feeds, virtual portfolio etc... have been expanded with the possibility to trade on multiple accounts with one user, stock listing (a list of stocks with data you choose, to keep track of the fluctuations on the market).

- 2000 - 2001 **RPG/Le Developer on iSeries @ AVIA Partners**  
I've worked on a scanner application for in- and outbound cargo.

## Open Source Activities

- Djagios: A Django based configuration tool for nagios/incinga. I own the project but it's completely open source.
- Active System Engineer for Exherbo.org a source based Linux Distribution.
- Retired Freenode staff on Freenode IRC servers - freenode.net  
This "job" is pure people skill training for me. For Freenode (IRC network), I have to mediate problems between users, help users with other problems network related.  
I took the responsibility because I found that working within the FOSS community allowed me to broaden my mind and to learn skills I cannot learn now at work.
- FOSDEM - [fosdem.org](http://fosdem.org)  
FOSDEM is a free and non-commercial event organized by the community for the community. The goal is to provide Free Software and Open Source developers and communities a place to meet. Jochen is part of the managing team where he helps organizing the event.
- Samurai-x.org  
Python window manager based on xcb bindings.  
I'm responsible (and owner of the server) for the infrastructure of the project:
  - email (postfix and dovecot)
  - apache, python for trac
  - ejabberd server

- Former Gentoo Developer
  - 1 year Documentation Lead for PPC (resigned due to time issues)
  - Java PPC Lead, Java recruiter
  - Security Liaison PPC
  - GLSA Coordinator in training
  - Developer Relations member (Gentoo's HR): recrutement and part of the ombudsteam
  - Gentoo Newsletter Editor
  
- Web development

I have developed own sites (CMS) for my best friends company ([www.schoonheidssalon.be](http://www.schoonheidssalon.be), [cosloma.be](http://cosloma.be)) that on a Gentoo/Linux server.  
Site is written with the Django framework.

  - I'm also developing a Webshop/CMS in Django
- Partially designed [www.bartolomy.com](http://www.bartolomy.com) (php).
- Various contributions to open source.