

## Personalia

Surname	Worrell
Name	Marc
Date of birth	1966-06-01
Marital status	Married
Address	Catharina van Clevepark 49, 1181AS, Amstelveen
Telephone	+31 (0)6 46032111
Website	<a href="http://www.whatwebwhat.com/">http://www.whatwebwhat.com/</a> <a href="http://www.linkedin.com/in/mworrell">http://www.linkedin.com/in/mworrell</a>
E-mail	marc@worrell.nl

## Education

08/1978 – 06/1984	Vwo Kees Boeke school, Bilthoven
08/1984 – 1990	Informatics, University of Utrecht, propaedeuse in 1986

## Portfolio – Some Example Projects

I was the principal architect and implementer of the projects below. This is only a small sample of the projects I did.

2013 until now	LearningStone. Online communication & learning center for trainers. Provides a private learning and communication environment. Build and share courses, and course material, between groups. <a href="http://www.learningstone.com/">http://www.learningstone.com/</a>
2010 until now	MaxClass. Community for parents, children and teachers. Organized in schools and classes. Great attention to privacy to provide a secure and safe environment. Based on Zotonic. <a href="http://www.maxclass.com/">http://www.maxclass.com/</a>
2009 until now	Zotonic. Content management system and framework for fast, real-time, web sites. Written in Erlang. <a href="http://www.zotonic.com/">http://www.zotonic.com/</a>
2008	Open-CI / Open Community Interface. Defined a set of protocols and technologies to connect online community sites. Enables pushing up-to-date articles between sites, portable data, portable profiles, a single profile instead of making a new profile for every site, participating in sites using that single profile. Fully distributed, no central registry is needed. <a href="http://www.open-ci.nl/">http://www.open-ci.nl/</a>
2007 until now	Women on Web. Websites providing access to safe medical abortion and show

	<p>stories about people's experiences with abortion. Back office handles all communication between patients, help desk, doctors. Also tracks the progress of consultations and package deliveries. <a href="http://www.womenonweb.org/">http://www.womenonweb.org/</a></p>
2007, 2008	<p>Picnic Network. Community site for the annual Picnic conference. Contains the conference information and provides social networking for speakers and visitors. Also online ticket sales and conference pass printing. Accessible using RFID tags and via a mobile interface. <a href="http://www.picnicnetwork.org/">http://www.picnicnetwork.org/</a></p>
2006	<p>NCDO / Business in Development Network. Community site enabling a recurring international competition. Over 4000 competitors each year write their business plans online detailing opportunities in developing countries. Winners receive funding to implement their plans. People can exchange information, seek coaches and sponsors. Judging of the competition is done online. <a href="http://www.bidnetwork.org/">http://www.bidnetwork.org/</a></p>
2004 until now	<p>Women on Waves. Website providing information about safe medical abortion, campaigns and contraceptives. Example of high volume Zotonic web site; many visitors due to campaigns mentioned on the front pages of CNN, BBC, Yahoo and other web sites. <a href="http://www.womenonwaves.org/">http://www.womenonwaves.org/</a></p>
2004	<p>Digital Jewish Monument. National monument for the 104.000 Dutch Jewish people that didn't survive the Second World War. Contains all family relationships, walking through neighboring families, photos, thousands of biographies.. <a href="http://www.joodsmonument.nl/">http://www.joodsmonument.nl/</a></p>
2004–2008	<p>anyMeta, information management system. Semantic web principles based content management system. Extremely flexible data modeling, template and module system. Scales from small story sites to community sites with millions of daily hits. Portable data and accounts between sites using push (xmpp) protocols and cross site edits. Used for all Mediamatic built sites. <a href="http://www.anymeta.net/">http://www.anymeta.net/</a></p>
2001	<p>Batavia Stad Outlet Center, Internet and extranet site. The extranet site is still in use. It enables management and shopkeepers to access and maintain up to date communication, visitor statistics and sales statistics.</p>
2000	<p>FRS, digital asset management system. Multimedia database used by newspaper editors and photo archives. Customers include ING/Postbank, PCM, Wegener, the</p>

police, ANP and NIOD. Database architecture by Martyn Simpson.  
Online example: <http://www.beeldbankwo2.nl/>

1998

NOVAgen Assembler Generator.

Program to generate assemblers and disassemblers for use with embedded processors. Only a high level specification of the cpu instruction set is needed to create this part of a development environment. <http://www.tasking.com/>

### Work Experience

04/2010 until now

Maximonster Interactive Things BV (Amsterdam)

CTO and co-founder. Team lead, architecture, and development of MaxClass and LearningStone.

<http://maximonster.com/>

09/2008 until now

WhatWebWhat. Freelance Web Software Consultant.

05/2004 – 08/2008

Mediamatic Lab VOF (Vijzelstraat 72, Amsterdam)

Owner/CTO. Architecture and development of anyMeta, a semantic web technologies based information management system. anyMeta is used for more than forty websites.

<http://www.mediamatic.nl/>

04/2001 – 04/2004

Mediamatic IP (Prins Hendrikkade 192, Amsterdam)

Software architect, team-leader, concept-leader, requirements analyst and programmer. Teacher of software development phases, software architecture and XML/XSL. Consultant in the deployment of web-based services.

01/1999 – 04/2001

BSL Computer Consultancy BV (Bisonspoor 354, Maarssen)

Consultancy for the digitization of photo and image archives. Design and implementation of various digital asset management systems. <http://www.brightside.nl/>

03/1995 – 01/1999

TASKING Software BV (Plotterweg 31, Amersfoort)

Developed optimizing assemblers for DSPs and other embedded processors. Designed and implemented an assembler and disassembler generator. Implemented parts of the runtime C library. Redesign of the graphical user interface of the cross-platform debugger CrossView. <http://www.tasking.com/>

05/1994 – 12/1994

University of Utrecht (Department of Natural Sciences and Society)

Concept leader, systems analyst and programmer associated with a project for the development of a system to uphold the rules for the storage of chemicals in the harbor of Rotterdam.

01/1993 – 09/1994

Free University of Amsterdam (Faculty of Movement Sciences)

Developed a planning system used by students to schedule their

study.

09/1990 – 07/1992

KWB Barcodes B.V. (Franz Leharlaan 91, Heemstede)  
Functional specifications and programming tailor-made programs,  
standard barcode programs and the maintenance of the financial  
software package TetraPlan.

### **Technologies**

Databases

PostgreSQL, MySQL, Oracle, Sybase, Mnesia, Riak.

Protocols

HTTP, Websocket, OAuth, MQTT, XMPP, XML/RPC, WebDAV

Modeling & markup

XML, UML, XHTML, JSON

Languages

Erlang, C, C++, PHP, Java, JSP, SQL, XSL, Haskell, Javascript,  
Python, Assembly, CSS

Noteworthy programs

Verity, Lucene, Sphinx, Lex, Yacc

### **Teaching**

04/2001 – 04/2004

Teacher of XML/XSL and web project management courses at  
Mediamatic NetLes.

1991 – 1997

Organizer and teacher in national rowing training and chief editor  
of the training materials employed.

Member of the training committee of the Dutch Rowing  
Association.

### **Coaching**

1988 – 2001

Head coach of top rowing crews at the national and  
international level.

2001 – 2007

Coach of junior rowing crews (aged 15 -18).

### **Languages**

Dutch (native)

English (advanced)

German (intermediate)

### **Publications**

Cluster Clustersystem for secondary schools

Uitgeverij NIB, ISBN 90-275-9593-3

© 1987 BV Uitgeverij NIB Zeist

Rowingcoach-A Syllabus

For the rowing coaches at the A training level

© 1993–1997 Koninklijke Nederlandsche Roeibond

The Performance of Open Source Applications

Chapter about Zotonic

ISBN 978-1-105-57181-7

© 2013 The AOSA Editors

<http://aosabook.org/en/index.html>