

Jose E. Marchesi - Curriculum Vitae

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1 Personal

- **Name:** Jose E. Marchesi
- **Date of Birth:** 13.08.1980
- **Nationality:** Spanish
- **Academic Degrees:** BSc in Computer Science
- **Languages:** Spanish, English
- **Driving license:** B (Spain) (Owns a car)
- **Willing to travel:** yes
- **Marital status:** single

2 Contact

- **Phone (mobile):** +49 (0)163 4660 732
- **Email:** jemarch@gnu.org
- **Webpage:** <http://www.jemarch.net>
- **Current location:** Frankfurt am Main, Germany

3 Technical & Managerial

- **2008 - actual**

Works on Terma GmbH (<http://www.terma.com>) as a software engineer on the Space Division.

Participation on the following projects:

- SIMSAT 4.0
- SIMSAT 4.2 and UMF 1.0
- Simulus 3
- Simulus 5
- SYSS (Galileo Ground Control System), CMCF interface.
- Herschel-Planck Mission Planning System.

- **2005 - 2008**

Works on Deimos Space (<http://www.deimos-space.com>) as a software engineer on the Real Time Systems Division.

Participation on the following projects:

- MGF (Message Generation Facility, Galileo Ground System Element).
- AS4 (Advanced Surveillance Space Software System).
- RDG (Raw Data Generator, Galileo).

- **2004 - 2005**

Works on Dataware Sistemas (<http://www.dataware.es>), writing software for enterprise management. Organizes and implements a workshop on GNU autotools and GNU development tools on Unisys Spain.

- **2002 - 2004**

Since end of 2002 collaborates with the Software and Systems Technology Group (UPM), leaded by Prof. Juan Garbajosa; Jose has had a relevant participation in the project DOBERTSEE (Low-Cost On-Board Software Development Toolkit, ESTEC Contract No. 15133/01/NL/ND). The main objective of this project is to produce an affordable, integrated Software Engineering Environment (SEE) fully compliant with ECSS-E40 standard process model for developing on-board embedded

real-time software. One of the components that he designs is the kernel of a flexible programming language environment that supports a wide range of programming languages, one of them Java.

Develops the programming environment and the text-editing infrastructure. This covers both the high level SEE Tcl component and the low level Tcl extension.

4 Education Summary

- **BSc in Computer Science**

Polytechnic University of Madrid, UPM <http://www.upm.es/>

- **End of degree project:**

“EDKIT : Editor Kit”, a book fully dedicated to text edition technologies <http://es.gnu.org/~jemarch/downloads/edkit>

5 Skills

- **Operating Systems:**

I am very effective working in GNU Systems (GNU/Linux) and other POSIX systems. I have also experience working with embedded operating systems. Please note that I don't have experience working with Windows systems and I try to avoid them.

- **Programming Languages that I extensively use:**

Ada (83, 95), C, C++, several dialects of Lisp (Common Lisp, Scheme, Emacs Lisp, ...), Tcl/Tk, bash, SPARC Assembly, Awk, m4, sed.

- **Programming Languages that I enjoy as a hobby:**

Algol 60, Algol 68, Pascal, Pascal FC, Icon (Unicon, Idol), ML (CAML, CAML Light...), PostScript.

- **Programming Languages that I try to avoid:**

Java, Basic.

6 Work in the GNU Project

- Founder of GNU Spain (1999) <http://es.gnu.org>
- Coordinator of GNU Spain (1999 - 2008) <http://es.gnu.org>
- Founder and editor of GNUcias <http://gnuticias.es.gnu.org>
- Maintainer of the following GNU packages:
 - GNU PDF <http://www.gnupdf.org>
 - GNU Ferret <http://www.gnu.org/software/ferret>
 - GNU Ghostscript (gs) (2005 - 2007) <http://www.gnu.org/software/ghostscript>
 - GNU Ghostview (gv) (2004 - 2007) <http://www.gnu.org/software/gv>
- Contributor to other free software packages such as Emacs and gnulib.

7 Conferences and Speeches

I use to talk about the Free Software Movement and the GNU Project in free software events. If you want me to give a speech in an event please contact me.

8 More

<http://www.google.com/search?q=Jose+E.+Marchesi>