Martin Michlmayr

CONTACT
INFORMATION

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EDUCATION

January 2004 – July 2007
PhD in Technology Management   King's College, University of Cambridge
I completed PhD at the Centre for Technology Management, University of Cambridge. My research focused on quality management in volunteer Free Software projects, with a strong emphasis on release management.

March 2003 – November 2003
MSSE in Software Engineering   University of Melbourne
I completed a Master's degree in Software Systems Engineering (MSSE) with distinction. In addition to attending and completing a number of courses, I performed elaborate research into the software engineering aspects of Free Software projects.

October 1998 – February 2003
MSc in Psychology   Leopold-Franzens University Innsbruck
I completed an MSc in Psychology with distinction. In my thesis I covered the question of whether object enumeration is implemented as one or two processes in the brain. The thesis consists of a theoretical part discussing various theories and an empirical investigation of data from over 18,500 subjects.

October 1998 – June 2002
MPhil in Philosophy   Leopold-Franzens University Innsbruck
I completed an MPhil in Philosophy with distinction. In my thesis I compared two views of Theory of Mind. The folk psychological theory maintains that intentional understanding is made possible through the use of a framework of concepts while simulation theory argues that we use the resources of our own minds to simulate others.

September 2000 – June 2001
Socrates Exchange Student   University College London
I attended University College London (UCL) for a year as a student of Psychology on the Socrates exchange programme.

WORK EXPERIENCE

Remunerated

December 2007 – present
Open Source Community Expert   Hewlett-Packard
I am a member of HP's Open Source Program Office. I act as the community manager of FOSSBazaar, the open source governance community. In this role, I'm responsible for content and community development.

October 2001 – December 2002
System Administrator   Leopold-Franzens University Innsbruck
I took care of the e-learning environment of the University of Innsbruck on a part-time basis. The work mainly involved Apache, MySQL, Oracle and Perl on Solaris and Linux.

July – August 1999
Software Developer   WEKA Zeitschriften Verlag
I developed a customized Linux distribution based on Linux-Mandrake, which was distributed as a supplement to PC Magazin Spezial Linux.

June – July 1997 / August – October 1998
Editor   WEKA Zeitschriften Verlag
I twice planned and organized the publication of PC Magazin Spezial Linux, a 100-page magazine about Linux with a circulation of 30,000.

Voluntary

April 2008 – present
Director   Open Source Initiative
I'm a member of the Board of Directors of the Open Source Initiative (OSI), the non-profit organization that maintains the Open Source Definition for the good of the community.

July 2006 – present
Tester   GNU Compiler Collection

I regularly test development versions of the GNU Compiler Collection (GCC) on several hardware platforms using the entire Debian archive as a real-world regression test suite.

October 2000 – present
Developer   Debian
I am part of a team of about 950 developers working on a freely available operating system. I am a senior member of the quality assurance effort, member of the ARM and MIPS porting teams, and acted as a member of the New Maintainer Committee. Finally, I acted as the leader of the project for two years. During this time, I represented Debian and performed important organizational and coordination tasks.

January 2006 – October 2007
Core Member   NSLU2-Linux
I was a member of the core team of the NSLU2-Linux project, an effort to port Linux to the Linksys NSLU2 and other embedded devices. My role was to act as a bridge between the NSLU2-Linux project and Debian.

August 2001 – June 2005
Advisor   Software in the Public Interest
I worked with the Board of Directors to define the future direction of Software in the Public Interest (SPI). I also acted as the chair of the membership committee, ensuring that SPI remains open to the community.

June 1996 – February 1999
Author   Linux Documentation Project
As part of the Linux Documentation Project, I maintained the Commercial HOWTO, Consultants HOWTO and the VAR HOWTO.

March 1996 – May 1999
Publicity Director   Linux International
As the publicity director of Linux International, I worked with journalists to spread the word about Linux and Free Software. I also maintained the web site and acted as membership secretary.

October 1994 – February 1996
Volunteer Coordinator   GNUstep
I coordinated the volunteers interested in GNUstep, a free implementation of NeXT's object-oriented development environment OpenStep. I also wrote documentation and maintained the project's web site.

RESEARCH VISITS **April 2006 – June 2006**
Visiting Researcher   Universidad Rey Juan Carlos
I visited the Libre Software Engineering group in Spain to work on quantitative measurement of Free Software projects, in particularly focusing on aspects of volunteer involvement.

November 2000 – June 2001
Visiting Researcher   Institute of Cognitive Neuroscience
I spent 320 hours in the Numeracy and Literacy Group of the Institute of Cognitive Neuroscience working on an experiment about the psychology of mathematics involving roughly 7,000 subjects.

TEACHING
EXPERIENCE **September 2005**
Guest Lecturer   University of Oslo
I gave a guest lecture on project management and one on quality assurance and management in Free Software projects as part of the computer science Master's at the University of Oslo.

July 2005
Lecturer   Libre Software Summer School
I gave lectures on project management in Free Software projects and on Debian at the Libre Software Summer School in Castellón, Spain.

June 2005
Guest Lecturer   Alma Graduate School
I gave a two-hour guest lecture on quality assurance and management in Free Software projects as part of the Master of Technology in Free Software and Open Source.

March 2003 – November 2003
Tutor   International House, University of Melbourne
I gave supervisions and tutorials for the undergraduate courses *Introductory Experimental Psychology* and *Introductory Social, Developmental and Clinical Psychology*.

AWARDS AND HONOURS	Research grants from Google, Intel, Fotango and the NUUG Foundation. 2004–2007.
	EPSRC Doctoral Training Account, University of Cambridge. 2004–2006.
	Scholarship for postgraduate study in a foreign country, Federal Ministry for Education, Science and Culture, Austria. 2003.
	Award for excellent academic achievement, Faculty of Science, University of Innsbruck. 2001 and 2002.
	Award for excellent academic achievement, Faculty of Humanities, University of Innsbruck. 2001 and 2002.
SKILLS	I taught myself various computer skills since I first had access to a computer in 1989. I started using the Internet in 1993 and since then have used it to share my knowledge and to learn from others.
	Programming languages: Python, Perl, Shell, C Applications: vim, SVN, CVS, LaTeX, Apache, Postfix Databases: SQL (PostgreSQL, MySQL) Internet: CGI scripting, HTML, XHTML, CSS Business: Marketing, Public Relations Languages: English, German

PUBLICATIONS

2009   Martin Michlmayr (2009). *Community Management in Open Source Projects.* *The European Journal for the Informatics Professional*, X(3). 22-26.

Jesus M. Gonzalez-Barahona, Gregorio Robles, Martin Michlmayr, Juan J. Amor and Daniel M. German (2009). *Macro-level software evolution: a case study of a large software compilation.* *Empirical Software Engineering*, 14(3). 262–285.

2007   Martin Michlmayr, Gregorio Robles and Jesus M. Gonzalez-Barahona (2007). *Volunteers in Large Libre Software Projects: A Quantitative Analysis Over Time.* In: Sowe, S. K., Stamelos, I. G., Samoladas, I. (Eds.), *Emerging Free and Open Source Software Practices*. 1–24.

Martin Michlmayr, Francis Hunt and David Probert (2007). *Release Management in Free Software Projects: Practices and Problems.* In: Feller, J., Fitzgerald, B., Scacchi, W., Silitti, A. (Eds.), *Open Source Development, Adoption and Innovation*. 295–300.

Andrea Capiluppi and Martin Michlmayr (2007). *From the Cathedral to the Bazaar: An Empirical Study of the Lifecycle of Volunteer Community Projects.* In: Feller, J., Fitzgerald, B., Scacchi, W., Silitti, A. (Eds.), *Open Source Development, Adoption and Innovation*. 31–44. Reprinted in: *The European Journal for the Informatics Professional*, 8(6). 8–17.

2006   Martin Michlmayr and Anthony Senyard (2006). *A Statistical Analysis of Defects in Debian and Strategies for Improving Quality in Free Software Projects.* In: Bitzer, J., Schröder, P. J. H. (Eds.), *The Economics of Open Source Software Development*. 131–148.

Gregorio Robles, Jesus M. Gonzalez-Barahona, Martin Michlmayr and Juan J. Amor (2006). *Mining Large Software Compilations over Time: Another Perspective of Software Evolution* In: *Proceedings of the International Workshop on Mining Software Repositories*. 3–9.

2005   Martin Michlmayr (2005). *Software Process Maturity and the Success of Free Software Projects.* In: Zieliński, K., Szmuc, T. (Eds.), *Software Engineering: Evolution and Emerging Technologies*. 3–14.

Martin Michlmayr (2005). *Quality Improvement in Volunteer Free Software Projects: Exploring the Impact of Release Management.* In: *Proceedings of the First International Conference on Open Source Systems*. 309–310.

Gregorio Robles, Jesus M. Gonzalez-Barahona and Martin Michlmayr (2005). *Evolution of Volunteer Participation in Libre Software Projects: Evidence from Debian.* In: *Proceedings of the First International Conference on Open Source Systems*. 100–107.

Martin Michlmayr, Francis Hunt and David Probert (2005). *Quality Practices and Problems in Free Software Projects.* In: *Proceedings of the First International Conference on Open Source Systems*. 24–28.

2004   Anthony Senyard and Martin Michlmayr (2004). *How to Have a Successful Free Software Project.* In: *Proceedings of the 11th Asia-Pacific Software Engineering Conference*. 84–91.

Martin Michlmayr (2004). *Managing Volunteer Activity in Free Software Projects.* In: *Proceedings of the 2004 Usenix Annual Technical Conference, Freenix Track*. 93–102.

2003	Martin Michlmayr and Benjamin Mako Hill (2003). *Quality and the Reliance on Individuals in Free Software Projects.* In: *Proceedings of the 3rd Workshop on Open Source Software Engineering.* 105–109.
1999	Martin Michlmayr (1999). *Linux Consultants HOWTO.* In: Marcus Goncalves: *Linux at Work.* New York: Wiley. 239–351.
1998	Martin Michlmayr (1998). *Linux Commercial HOWTO.* In: Eric S. Raymond (Ed.): *Linux Undercover.* Research Triangle Park: Red Hat Software. 1645–1766.
	Martin Michlmayr, October 1998, *Editorial*, PC Magazin Spezial Linux 8/98, 3.
1997	Martin Michlmayr, August 1997, *Mehrköpfige Drachen*, PC Magazin Spezial Linux 4/97, 44–46.
	Martin Michlmayr, August 1997, *Editorial*, PC Magazin Spezial Linux 4/97, 3.
	Martin Michlmayr, March 1997, *Le marché commercial de Linux*, Dream (Linux Zone), 62.
1996	Martin Michlmayr and Jürgen Schmidt, January 1996, *Zukunftsmusik*, UNIXopen, 108–109.
1995	Martin Michlmayr and Jürgen Schmidt, November 1995, *Schritt für Schritt*, UNIXopen, 88–89.
	Martin Michlmayr, September 1995, *Rettung der Avantgarde*, iX, 173–175.
TALKS	I have given over 90 talks since 2001, including keynote and invited speeches in Brazil, Chile, China, Japan and other countries.
PROFESSIONAL ACTIVITIES	Editorial Review Board Member, International Journal of Open Source Software & Processes. 2009 to present.
	Program Committee Member, Fourth International Conference on Open Source Systems. 2008.
	Program Committee Member, Libre Software as a Matter of Research, FOSDEM. 2008.
	Member, IFIP Working Group on Open Source Software. June 2006 to present.
	Program Committee Member, Libre Software as a Matter of Research, FOSDEM. 2007.
	Program Committee Member, Third International Conference on Open Source Systems. 2007.
	Member, Freespire Leadership Board. April to September 2006.
	Member, Government Open Source Advisory Committee (GOSAC). February 2004 to September 2006.
	Technical Reviewer, book *Debian GNU/Linux – Das Praxisbuch*, by Heike Jurzik. 2006.
	Program Committee Member, Second International Conference on Open Source Systems. 2006.
	Technical Reviewer, some chapters of the book *The Debian System – Concepts and Techniques*, by Martin F. Krafft. 2005.
	Program Committee Member, LinuxTag. 2004 and 2005.
	Award Committee Member, Linux New Media Awards. 2003 and 2004.
	Reviewer, one chapter of the book *Free/Open Source Software Development*, edited by Stefan Koch. 2003.
INTERESTS	I enjoy reading, especially science fiction and popular science books. I am particularly interested in cognitive science, philosophy of mind, evolution, and history of science. I also like music and photography.
REFERENCES	Available on request.