

## Michael Opdenacker

Date of birth: January 9th, 1972  
Nationality: French and Belgian

### EDUCATION

**ENSIMAG** Engineering School, University of Grenoble, 1991-1994.  
Engineer diploma in Computer Science and Applied Mathematics.  
DEA postgraduate diploma in Artificial Intelligence.

### EXPERIENCE

**Handhelds.org** Since 2003. Porting Linux on the **HP iPAQ H2200 PDA** (Intel pxa255)  
- One of the main project contributors, drivers and documentation writers.  
- First Linux boot on this device (Linux 2.6). Debugging through serial port.  
- Set up usb-ethernet networking with PC host. Used for ssh command line access and using an NFS exported directory on the PC as root partition (pivot\_root). Makes it easy to update module, program and resource files.  
- Participated to internal peripheral drivers development: ASIC companion chip, leds, touchscreen. Still need to work on bluetooth, mmc/sd, bootloader, sound.  
- Released reference kernel, initrd and root partition images to project members. Used by other porting projects using Linux 2.6 too.  
- Updated handhelds.org module packages and applied mainstream kernel patches to handhelds.org's kernel sources.  
- Other contributions to the Handhelds.org community: mailing lists moderation, Opie French translations, user support, documentation, help to similar projects...

**Free Software** Since 2000, lots of contributions to the Free Software community. See <http://www.google.com/search?q=michael+opdenacker> for details.  
- 2001-2003, **GNU Typist** project maintainer. Took care of makefiles (autoconf / automake), translations (gettext), documentation (makeinfo) and releases.  
- 2003: author of **Minido**, a simple yet generic task manager written in GTK2.

**Texas Instruments** 2000-2003, Wireless Business Unit, Villeneuve Loubet (Nice, France).  
Front-line support on chip physical design tools (Synopsys, Magma, internal tools). Migration of design flows and compute farm to Linux servers.

**STMicroelectronics** 1995-2000 Central R&D, Design Automation Department, Crolles (Grenoble, France). Developed I/O and memory cell generators, as well as cell library validation tools. Trained and supported users in Crolles, Milan and New Delhi.

### LANGUAGES

**English** Very good oral and written practice (3 months in the US), daily professional use.

**Italian** Pretty good oral and written professional practice (3 months work in Italy).

**Spanish** Good written and oral skills (1 month in Spain).

**Portuguese (Brazil)** Pretty good oral and written practice (2 months in Brazil).

**Dutch** Basic oral and written practice with my family in Belgium.

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*Updates and French version of this document available on <http://opdenacker.org/cv/>*