

KÉVIN OTTENS

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05/30/1980

OPEN SOURCE ENGINEER & RESEARCHER

OBJECTIVES

- Help organizations to surpass themselves through *open innovation* and *knowledge diffusion*
- Be part of a *passionate community*, creating win-win situations and improving *cooperation*
- Continuously keep *learning* and improving my skills by undertaking *challenging problems*

OPEN SOURCE CONTRIBUTIONS

2006 - present KDE Research & Education Program

- *Co-creator of the KDE Research group*
- *Provided feedback on SQA-OSS, EU funded project on software quality in Open Source*
- *Manage teams of students of the Toulouse University during KDE related projects*

2005 - present FreeDesktop.org Contributor

- *Developer on HAL, a hardware abstraction layer*
- *Co-author on the autorun specification shared across several desktop projects*

2003 - present KDE Core Developers Team

- *Developer for the desktop manager Plasma*
- *Developer for the file manager Dolphin*
- *Architect and maintainer of the Solid library, a portable framework for hardware detection*
- *Developer for KIO, an asynchronous framework for network transparent filesystem access*
- *Several smaller contributions across the whole KDE code base*

PROFESSIONAL EXPERIENCE

2004 - 2007 Institut de Recherche en Informatique de Toulouse (IRIT)

Researcher and Professor Assistant, PhD student
Project: Dynamo, multi-agent system for dynamic ontology building

2003 - 2004 Institut de Recherche en Informatique de Toulouse (IRIT)

Internship period (9 months), Master student
Project: Part of speech tagging system based on a multi-agent system

2003 Institut de Recherche en Informatique de Toulouse (IRIT)

Internship period (5 months)
Project: Cameleon III, system for knowledge extraction from texts

2002 Anfora

Internship period (4 months)
Projects:

- *Anfora Update, distributed update system for a set of embedded systems*
- *Anfora Phone, voice over IP software*

2001 Euro Business System*Internship period (4 months)**Projects:*

- *Télédec, transmitting platform for multimedia data*
- *EBStock, stock management software*

1998 - 2002 BNP Paribas Toulouse (international trade service)*Regular internship periods (1 month)**International payment treatment: checks, swift transfers***PUBLICATIONS**

- 2007**
- Kévin Ottens: *Construction d'ontologies à partir de textes à l'aide d'un système multi-agent adaptatif*. PhD thesis, october 2007
 - Kévin Ottens, Valérie Camps, Pierre Glize: *Vers l'implémentation d'ontologies dynamiques par des systèmes multi-agents* JFSMA, october 2007
 - Kévin Ottens, Marie-Pierre Gleizes, Pierre Glize: *A Multi-Agent System for Building Dynamic Ontologies* AAMAS, may 2007.
 - Kévin Ottens, Nathalie Aussenac-Gilles: *Un algorithme multi-agent de classification pour la construction d'ontologies dynamiques* EGC, january 2007
- 2006**
- Kévin Ottens, Gauthier Picard, Valérie Camps: *Transformation de modèles d'agents dans la méthode ADELFE - Des stéréotypes de conception à l'implémentation* L'Objet, special issue « Composants et Systèmes Multi-Agents »
- 2004**
- Kévin Ottens: *Analyse syntaxique par Systèmes Multi-Agents adaptatifs : apport à la construction d'ontologies* Master thesis, june 2004
 - Kévin Ottens, Nathalie Aussenac-Gilles, Marie-Pierre Gleizes, Pierre Glize: *Systèmes Multi-Agents pour l'extraction d'ontologies à partir de textes : revue de questions* AGENTAL: Agents & Langue, march 2004

TECHNICAL EXPERTISE

Knowledge Fields Realtime and embedded systems, Distributed computing, Object oriented design, Project management, Natural language processing, Multi-agent systems, Knowledge management, Basics in security & cryptography

Processes eXtreme Programming, OpenUP

Object-Oriented Design UML, OCL, Design Patterns

Programming Languages C/C++, Objective C, Perl, PHP, Python, Java, Ada, x86 and 68k assembly

APIs and Tools Qt/KDE, STL, Swing, OpenH323, Lex/Yacc, Subversion

Databases SQL, PL/SQL, PostgreSQL, MySQL, Oracle 9i

Operating Systems UNIX, GNU/Linux

XML related standards XML, XHTML, CSS, XSLT, XSL:FO, Xpath, RDF(S), OWL, SAX, DOM

EDUCATION

- 2004 - 2007 Ph.D. in Computer Science, with honours**
Paul Sabatier University Toulouse III
- 2003 - 2004 Second Master degree in Computer Science Researches, with honours**
Paul Sabatier University Toulouse III
- 2003 Software « Master Engineer » Diploma**
Paul Sabatier University Toulouse III
Honorary diploma
- 2002 - 2003 First Master degree in Software Engineering, major, with honours**
Paul Sabatier University Toulouse III
Projects:
- APES: Process modeling software
 - realtime nuclear core simulator using C++ and Qt
 - realtime air trafic simulator using Ada
- 2001 - 2002 Bachelor's degree in Software Engineering, major, with honours**
Paul Sabatier University Toulouse III
Projects:
- SNI: Graphic User Interface designer
 - Maintenance of a PHP based web application
- 2000 - 2001 Two year University degree in Software Engineering, major, with honours**
Paul Sabatier University Toulouse III
Projects:
- Viking Project: board game, member of the supervising team, responsible of the game heuristic development
 - Multi-user web forum using Perl/CGI
- 1998 - 2000 Preparatory classes: two year undergraduate intensive course in mathematics and physics**
Lycée Déodat de Séverac, Toulouse, France
Project: Memory writing about the behavior of the satellite constellations used in telecommunication
- 1997 - 1998 Baccalauréat with major in maths and physics, with honours**
Toulouse, France

ADDITIONAL INFORMATION

- Languages**
- French: mother tongue
 - English: conversational
 - Spanish: notions
- Associations**
- Member of the Toulibre LUG
 - Vice president of the Student association of the IUP ISI during the 2000/2001 university year
- Other**
- Obtained first-aid certificate in 2006
 - Ranked 11 (over 1000) to the Securitech 2003 security challenge