

Dr Andrew John Hughes

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Education and Qualifications

- **2005 - 2009: PhD in Computer Science at the University of Sheffield**
 - Research into concurrent system design utilising a mobile timed process calculus.
 - PhD representative on the Engineering faculty board, departmental board and student-staff liaison committee (2007-2008)
 - Seminar organiser (2007) and website maintainer (2007-2008) for the Verification and Testing Group, involving promotion of events and liaising with external speakers
 - Organiser and chair of the Theory Special Interest Group and Concurrency Reading Group. (2006-2007)
 - Lab management and social organiser for the Verification and Testing research group (2005-2008)
- **2001 - 2005: MComp (Hons.) in Computer Science at the University of Sheffield (First Class)**
 - Participation in a group research project (2004-2005), focusing on the Semantic Web, Semantic Web Services and their composition using a process calculus
 - My dissertation work '*Web Services for Distributed Database Applications*' (2003-2004)
 - Experience in working within a team on an industrial-scale project via involvement in the 'Software Hut' project (2003)

Work Experience

- **Software Engineer, Red Hat, October 2008 to present**
 - Maintainer of IcedTea, the project used to package OpenJDK in the various GNU/Linux distributions.
 - Frequent OpenJDK contributor, recognised by OpenJDK6/7/8 reviewership in the 2011 census.
- **Sun Campus Ambassador, Sun Microsystems, October 2007 to May 2008**
 - Liaising with Sun employees, University staff and students with respect to Sun technology, and organising Sun technical demos on campus.
- **Demonstrating duties, University of Sheffield, October 2005 to October 2008**
 - Significant teaching experience, including lecturing, student tutorial sessions, lab assistance and marking assignments

Publications

- HUGHES, A. A Framework for Mobile Java Applications. In *Proceedings of the International Conference on Principles and Practices of Programming in Java (PPPJ 2007)* (September 2007), no. 272 in the ACM International Conference Proceedings Series, pp. 243–248.
- HUGHES, A. Nomadic Time (extended abstract). In *Proceedings of the PhD Programme at Relational Methods in Computer Science/Applications of Kleene Algebra (RelMiCS/AKA) 2006* (2006), R. Schmidt and G. Struth, Eds., no. CS-06-09 in University of Sheffield Technical Reports, pp. 60–64.
- NORTON, B., FOSTER, S., AND HUGHES, A. A compositional operational semantics for OWL-S. In *Proceedings of the 2nd International Workshop on Web Services and Formal Methods (WS-FM 2005)* (September 2005), no. 3670 in Lecture Notes in Computer Science, Springer-Verlag, pp. 303–317.

Free and Open Source Software Involvement

- IcedTea¹ maintainer and release manager.
- Co-maintainer and release manager of GNU Classpath².
- GCJ³ and OpenJDK⁴ developer.
- Organiser of the Free Java developer room at FOSDEM (Free and Open Source Developer’s European Meeting) in Brussels from 2009-2011 and participant in 2007 and 2008.
- Packaging of IcedTea for the Gentoo GNU/Linux distribution.
- Selected student participant in Google’s Summer of Code (2006 and 2007).

Other Activities

- Talks at the Open Source in European Public Administration (OSEPA) Workshop 2011, FOSDEM 2008, PPPJ 2007, the British Colloquium on Theoretical Computer Science (BCTCS) 2006 and the RelMiCS PhD workshop 2006.
- To relax, I swim, listen to a variety of music and socialise with friends

References

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¹<http://icedtea.classpath.org>

²<http://www.gnu.org/software/classpath>

³<http://gcc.gnu.org/java>

⁴<http://openjdk.java.net>