

## Patrick Goldsack

Distinguished Technologist, Automated Infrastructure Lab, HP Labs Bristol

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Patrick Goldsack is a senior researcher in the area of flexible and adaptive distributed systems at HP Labs. He currently leads research into the kinds of adaptive infrastructures and platforms required for cloud computing.

He has 30 years of research and development experience, 20 of those with HP Labs in Bristol. At HP, Goldsack has been the lead researcher on a number of projects around the development of formal methods languages and tools, distributed measurement and monitoring systems for the telecommunications industry, software platforms for the delivery of telecommunications services and, most recently, in the area of very large-scale management systems for data centres.

Before joining HP, he worked at STL – then one of the premier telecommunications research laboratories in the U.K. – and GEC Telecommunications.

Goldsack is known outside of HP as the originator, and one of the developers of, the SmartFrog open source configuration management framework ([www.smartfrog.org](http://www.smartfrog.org)). This framework is used in a variety of open source and commercial systems as a core management technology and in aspects such as controlling automated system testing.

Goldsack has an M.A. in mathematics and an M.Sc. in electronic and electrical engineering. He has a number of technical publications and patents.

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