Avolution

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Avolution is a global provider of Enterprise Architecture, Enterprise Modeling and Process Modeling software with offices based in Sydney - Australia, Oxford - UK and the Washington Metropolitan Area - USA. Avolution was spun-out from the University of Technology, Sydney in 2001 and the name 'avolution' is an abbreviation of the term "Architecture-based Evolution".

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Products

ABACUS

ABACUS is a software package that can create multiple solution alternatives ("architectures") and then run various simulations or calculations against each alternative for metrics such as Cost, Agility, Performance (utilising a Discrete event simulation) and Reliability (using the Monte Carlo method). In so doing it can recommend the optimal path for investment, with predictive and quantitative certainty.

ABACUS is deployed across different market sectors in over 30 countries worldwide. The current release of ABACUS is version 3.1 [1], which also adds an Enterprise Edition version of ABACUS (simultaneous multi-user non-blocking access to a central model). The name ABACUS stands for the "Architecture-Based Analysis of Complex Systems" [2]

See also

- Discrete Event Simulation
- Enterprise Architecture
- Enterprise Modeling
- Monte Carlo Simulation

Avolution Pty Ltd.

Type	Private
Founded	2001
Headquarters	Sydney Australia
Key people	Dr. Tim O'Neill, Founder
	Dr. Mark Denford, Founder
	Prof. John Leaney, Founder
Industry	Enterprise and Solution Architecture and Modelling, Business Process Modelling and Analysis
Products	ABACUS
Divisions	AMER, EMEA and APAC
Website	www.avolution.com.au (http://www.avolution.com.au)

- Process Modeling
- Project Portfolio Management
- Service-Oriented Architecture

References

1. ^ "ABACUS 3.1 (http://www.avolution.com.au/releases/0812_ABACUS_3.1.html) ". Avolution. http://www.avolution.com.au/releases/0812_ABACUS_3.1.html. Retrieved 2009-02-01.
2. ^ "The ABACUS Architectural Approach to Computer-Based Systems and Enterprise Evolution (http://www.sei.cmu.edu/library/abstracts/reports/05tn037.cfm) ". Proceedings of the First Software Architecture Technology User Network (SATURN) Workshop. Carnegie Mellon University. September 2005. pp. 7.

External links

- www.avolution.com.au Corporate website (http://www.avolution.com.au/)
- www.youtube.com/avolution YouTube channel (http://www.youtube.com/avolution)
- Forrester: Avolution Uses New Simulation To Choose Scenario-Based EA Evolutions (http://www.forrester.com/Research/Document/Excerpt/0,7211,42505,00.html) by Henry Peyret, May 30, 2007
- CapGemini CTO blog: Is Business Architecture necessary for SOA? (http://www.capgemini.com/ctoblog /2006/08/is_business_architecture_neces.php) August 7, 2006
- The Open Group (http://www.opengroup.org/togaf/cert/showcase/participants/avolution/index.html)
- The Association of Open Group Enterprise Architects (https://www.aogea.org/partners /ViewPartner?id=1)

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