

ALLNAMES:(AVOLUTION PTY LTD)

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Sort: Relevance

Per page: 10

View: All

1 / 1

Machine translation

1. [2002953623](#) A METHOD AND APPARATUS FOR THE ANALYSIS OF COMPLEX SYSTEMS

AU - 20.02.2003

Int.Class Appl.No 2002953623 Applicant Avolution Pty Ltd Inventor Not Given

2. [2005907311](#) A SYSTEM AND METHOD FOR THE OPTIMISATION OF COMPLEX SYSTEMS

AU - 19.01.2006

Int.Class Appl.No 2005907311 Applicant Avolution Pty Ltd Inventor Not Given

3. [2003281703](#) A METHOD AND APPARATUS FOR THE ANALYSIS OF COMPLEX SYSTEMS

AU - 11.03.2004

Int.Class G06F 17/50 Appl.No 2003281703 Applicant Avolution Pty Ltd Inventor Denford, Mark

The present invention relates to a method and apparatus for the analysis, particularly, of computing systems. The invention implements an architecture based analysis. The architecture of the system to be analysed is first of all modelled, using a hierarchical model comprising Connections, Components, and other entities. The modelling requires the steps of obtaining the architecture of the system and populating a database or file with the architecture model. The modelled architecture is then evaluated, probably by running simulations of operation of the architecture and also by visualising the architecture using a number of different visualisations. Following the evaluation, changes may be imposed to the architectural model and to the system in order to meet non-functional requirements.

4. [2002950509](#) A METHOD AND APPARATUS FOR THE ANALYSIS OF COMPLEX SYSTEMS

AU - 12.09.2002

Int.Class Appl.No 2002950509 Applicant Avolution Pty Ltd Inventor Not Given

5. [WO/2004/012110](#) A METHOD AND APPARATUS FOR THE ANALYSIS OF COMPLEX SYSTEMS

WO - 05.02.2004

Int.Class G06F 17/50 Appl.No PCT/AU2003/000979 Applicant AVOLUTION PTY LTD Inventor DENFORD, Mark

The present invention relates to a method and apparatus for the analysis, particularly, of computing systems. The invention implements an architecture based analysis. The architecture of the system to be analysed is first of all modelled, using a hierarchical model comprising Connections, Components, and other entities. The modelling requires the steps of obtaining the architecture of the system and populating a database or file with the architecture model. The modelled architecture is then evaluated, probably by running simulations of operation of the architecture and also by visualising the architecture using a number of different visualisations. Following the evaluation, changes may be imposed to the architectural model and to the system in order to meet non-functional requirements.

6. [WO/2007/070962](#) A SYSTEM AND METHOD FOR THE OPTIMISATION OF COMPLEX SYSTEMS

WO - 28.06.2007

Int.Class G06Q 10/00 Appl.No PCT/AU2006/001966 Applicant AVOLUTION PTY LTD Inventor DENFORD, Mark, John

A method of optimising a complex system, comprising the steps of, representing at least one quality attribute of the complex system in a graphical format, altering the complex system, and representing the at least one quality attribute of the altered complex system in a graphical format, wherein the at least one quality attributes may be compared.

