



MO²GO

Enterprise Modelling, Analysis and Optimi- sation

Overview

The Integrated Enterprise Modelling (IEM) is a holistic methodical base to model enterprise processes. The IEM/MO²GO models are of high transparency and easy to understand. There is no need for large-scale training to handle the models. MO²GO enabled a very fast model building process. Modelling can be performed simultaneously with interviews directly on the computer. MO²GO permits a flexible adaptation to the problem domain and the needs of projects. A user can easily define his products, orders and resources and then use these definitions during the enterprise modelling process. The model can be specified as deeply as desired. Individual properties of modelling constructs can be systematically created and evaluated.

The model structure ensures integration and common understanding of the business processes in and across organisations. It provides the prerequisites to assign design processes as precise improvements of characteristics such as costs, quality or time to the respective business processes and resources.

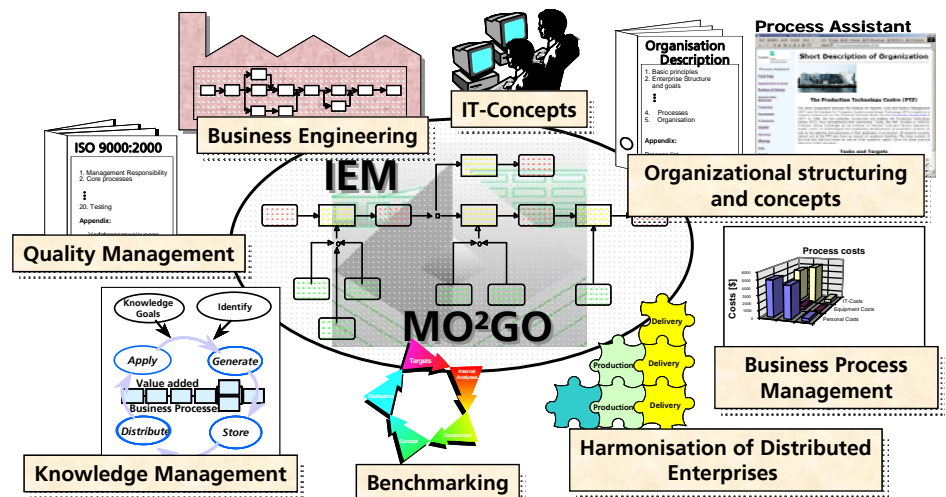
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Application Domain

MO²GO is a software system for representing, analyzing and optimizing the entire enterprise architecture and integrated business processes. It can be used in all kinds of enterprises (small, medium, large). A comfortable description and efficient analysis of products, resources and orders in terms of identified business processes is achieved through the graphical interface of MO²GO. Alternatives of design and optimization can easily be compared. The system is currently used in production companies, service enterprises, government services (e.g. police) and in the health sector. The application domains are Enterprise Engineering, Quality Management, Organisational Analysis, Knowledge Management, Process Benchmarking, IT System Introduction (ERP, Engineering Systems, etc.), Requirement Analysis for IT System Usage, Supply Chain Analysis, Supply Chain Network Analysis, Enterprise Network Building, Supply Chain Building, Enabling of SMEs to act in Networks, Information collecting for various analysis and optimization such as simulation, harmonisation of distributed enterprise processes, functional specification for manufacturing system engineering vendors, etc.. The implementation of reference models such as SCOR and ITIL are supported. It also provides concepts for cross organisational business process analysis and implementation. The modelling elements are inline with the ISO 19440.

Across Organisations

The modelling method IEM in MO²GO supports cross organisational modelling. The relations between enterprises can be represented and can be as well evaluated. MO²GO models can be modelled independently and combined afterwards. Together with a template approach MO²GO allows the analysis of complex supply chain networks and the introduction of new services across organisations.

Interfaces and Evaluations

MO²GO allows the calculation of user defined performance indicators (i.e. costs and times). The MO²GO macro language permits an easy definition of interfaces and for model evaluation procedures. Interfaces are prepared for ASCII, MS-Office, XMI.

Operation System

MO²GO System is available on MS Windows (Win95/98/ME/ NT/2000/XP). The Java based components such as the MO²GO viewer are independent from a special operation system.

Components and Features

The MO²GO system currently consists of the following main components:

MO²GO Version 2.4e

This component provides modelling facilities for IEM class structures, process chains, bills of material and evaluation mechanisms.

MO²GO Macro Editor Version 2.1

The Macro Editor supports the design of MO²GO macros for user defined evaluation procedures.

MO²GO Viewer Version 1.09

The Java based and licence free MO²GO viewer is an easy-to-use user interface to navigate through the MO²GO process chains.

MO²GO WEB Publisher Version 1.0

Preparation for a textual, hyperlink view of the model content is realised with the WEB Publisher. The automatically generated WEB view is called "ORG Assistant". This is used for the implementation of business reference models according to certain standards like ISO TS 16949 for automotive suppliers or ITIL, SOX404 etc.

MO²GO XMI Converter Version 1.0

IT implementation today mostly works with UML diagrams. MO²GO provides a component generating XMI from a MO²GO model which can be imported into UML tools.

WEB page: [http:// www.moogo.de](http://www.moogo.de)