Software Product Description

PRODUCT NAME: DECmodel for Windows™, Version 1.1   SPD 41.54.01

DESCRIPTION

DECmodel for Windows is a symbolic modeling tool and a methodology used to demonstrate the flow of information and materials throughout a process. DECmodel can represent integrated business processes, information systems, and organizational processes.

Using the DECmodel tool a consultant can take a process/data specification in any form, at any point in the development life cycle, and build the target design as a dynamically animated scale model. This dynamic model helps validate and communicate the design, complementing and working in harmony with traditional, static modeling methodologies.

DECmodel allows the inclusion of as much process detail as desired. Models are extendible, permitting the addition of more information to the model at any time. After building a DECmodel it can then be presented with multiple views showing different perspectives of the business process. DECmodel can be customized to meet your audience's preferences, for example representing the business by function, technology, or tasks.

Three objects are used to create a DECmodel:

- **Process**: A process is a discrete function or operation representing a stage in a business. Processes contain activities.

- **Activity**: An activity is a discrete work step. Activities are the building blocks of processes. Activities define the behavior of processes.

- **Message**: A message is information and/or data communicated from an activity to a process. Activities are triggered when they receive messages.

Features

- Builds working simulations of large business processes, generally in the form of customer-described architectures or high level designs of administrative systems.

- Powerful for modeling business and systems processes that are cross-geographic, cross-organizational, critical to the operation of the business, and where no one person or organization possesses detailed knowledge of the entire system.

- Uses standard enterprise modeling methodologies in conjunction with object-oriented simulation and modeling tools and techniques.

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- Provides a way to test, verify, and validate ideas for improving business operations before extensive investment. Accelerates the discovery of efficient design, and reduces the costs associated with design changes.

- Enables multiple metrics to be measured. Along with cost and time, user-defined metrics can be created and tracked during model animation.

- Animates processes and shows how transactions represent business events with start and stop times, sequences, dependencies, initial conditions, behaviors, and changes to the output.

- The initial model can be modified to reflect actual changes or answer what-if questions. Models can be modified to represent optimal operation, to test alternatives, to view the impact of parallel processes, and to develop a road map for getting from the current process to the future vision.

HARDWARE REQUIREMENTS

Processors Supported

DECmodel for Windows requires a color monitor running on any PC with an 80386 processor or greater including the following Digital products:

DECpc: 433 Workstation, 33MHz 80486dx,
            433T Base System, 33MHz 80486,
            325slc Notebook, 25MHz 80386sl, Passive Matrix Color Display,
            325slc Notebook, 25MHz 80386sl, Premium Active Matrix Color Display,
            333 Portable, 33Mhz 80386dx Portable PC

DECstation: 316sx, 16MHz 80386sx,
            320sx, 20MHz 80386sx,
            320+, 20MHz 80386,
            325c, 25MHz 80386,
            333c, 33MHz 80386,
            425c, 25MHz 80486

Processors Not Supported

- Any PC without the 80386 or 80486 processor.

Processor Restrictions

A minimum of 4 MB memory is required (8 MB recommended).

Other Hardware Required

- Any VGA or SUPER-VGA Monitor

- One hard disk and one double-sided high-density floppy disk drive (3.5 in.)

Optional Hardware

- Mouse or pointing device compatible with Windows V3.0 or later

Disk Space Requirements

Program and Data files: 5 MB

SOFTWARE REQUIREMENTS

- MS–DOS® V5.0 or later

- Microsoft® Windows V3.0 or later

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

The software and documentation are available in three 3.5-inch high-density diskettes (1.44 M).

ORDERING INFORMATION

DECmodel Package: QB-0QSAA-SA

This package contains a software license, media, and documentation.

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This software is only furnished under a license. For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE PRODUCT SERVICES

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The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.