

selectyourdon

Powerful Tool for Developing Real-Time Applications using the Yourdon Method

Select Yourdon™ is an enterprise-scale tool that supports the development of real-time applications using the Yourdon Method. Select Yourdon includes:

- Comprehensive support for Yourdon Method tools and techniques
- Built-in consistency and completeness checks that implement rules defined in Yourdon techniques to validate system models
- Integrated modeling tools that hold analysis and design information in a common dictionary used to automatically link objects to all appropriate diagrams
- Access to the open information repository through OLE automation that supports custom applications and interfaces

HOW CAN YOU DEVELOP QUALITY REAL-TIME APPLICATIONS?

The Yourdon Method is a structured approach to designing and developing real-time applications using the best ideas for object-oriented design and analysis. System requirements and architecture are designed visually through a variety of diagrams and charts. In addition, Yourdon techniques provide the guidelines for effective model design.

The challenge for developing real-time applications is to take full advantage of the Yourdon Method techniques. How can you:

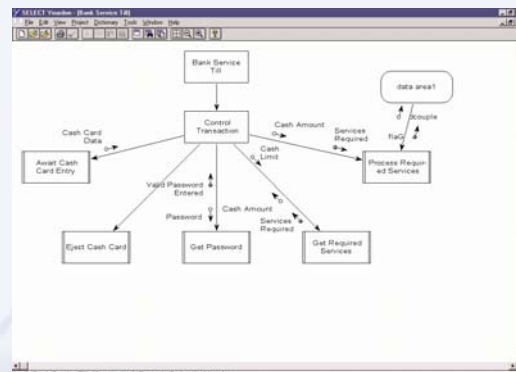
- Design rigorous applications that support your business needs?
- Develop and deliver applications on time?
- Increase flexibility and reduce errors?
- Work with your development teams more effectively and improve productivity?

COMPREHENSIVE MODELING SUPPORT

Select Yourdon™ provides integrated modeling support for the full range of modeling techniques in the Yourdon Method. Take advantage of full support for the real-time techniques including both Hatley-Pirbhai and Ward-Mellor real-time extensions.

Comprehensive method support is combined with rigorous completeness and consistency checks. Interactive checks monitor progress as users work and comprehensive checks at the end of each session ensure design consistency throughout the project.

Select Yourdon completely and accurately describes all application deliverables so managers can significantly improve project plans and track real progress. Select Yourdon also offers flexible facilities that encourage managers to customize the methodology, satisfying the demands of each project.





APPLY YOURDON TECHNIQUES TO IMPROVE APPLICATION QUALITY

With Select Yourdon, teams can create and review deliverables without elaborate paper-based controls, using a shared information repository. In addition, project teams can exploit Yourdon real-time tools and techniques with:

- Data and Control Flow Diagrams, supported with the Ward-Mellor and Hatley-Pirbhai real-time extensions. These can be decomposed for more detail to develop complete process specifications (PSPECs). Process specifications can be balanced against the input/output specifications of related primitive processes to ensure consistency. Processes can be easily grouped and moved automatically onto a new decomposition diagram
- State Transition Diagrams that clearly display states, events and actions and can be balanced with the related control transform
- Entity Relationship Diagrams that provide full support for the Chen Method. Entities can be sub-typed, and both entities and relationships can be fully defined with attributes.
- Constantine Structure Charts that are created using the Yourdon/Ward-Mellor notation to design a module hierarchy and appropriate interfaces.
- Jackson Structure Charts that are created using the Jackson notation to define module operation including sequence, concurrency, conditions and iteration. Built-in completeness and consistency checks help identify errors as early as possible in analysis and design. Integrated models make creating and updating deliverables faster and easier.

AUTOMATE THE DOCUMENTATION PROCESS.

Select Yourdon includes a flexible tool for extracting model information into complete Microsoft Word documents. These Word documents can be customized based on user-defined templates and include information from any product in the repository. To quick-start the process, the document generator includes sample templates based on the United States Department of Defense (DoD) documentation standard.

To find out more about how Select Yourdon can help you design quality applications visit www.selectbs.com, refer to the companion data sheets or contact us with one of the following numbers.

About Company

Select Business Solutions™, a Gores Technology Group portfolio company (www.gores.com), is a leading international software company with customers drawn from the Global 1000.

Select provides comprehensive solutions consisting of pragmatic tools and services, for business critical IT software development, deployment, management, information access and enterprise reporting. Headquartered in Boulder Colorado, Select operates sales offices throughout North America and Europe, in addition to a network of international distributors.

Select Business Solutions' mission is to improve our customers' productivity by providing comprehensive solutions consisting of pragmatic tools and services for business critical software development, deployment and management, as well as information access.



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