

## R/3 SYSTEM

SAP® is a leader in open enterprise applications, and understands the needs of software developers. The ABAP/4 Development Workbench is designed for client/server application development. This innovative product is the answer to building productive client/server solutions.

# PRODUCT OVERVIEW...

## ABAP/4 DEVELOPMENT WORKBENCH

### THE PROVEN PATH TO CLIENT/SERVER

#### INTEGRATED DEVELOPMENT ENVIRONMENT

The ABAP/4® Development Workbench offers the power, versatility and flexibility needed to develop client/server software. ABAP/4 is a high-level 4GL, well-suited for developing mission critical business applications.

ABAP/4 Development Workbench is a set of sophisticated development tools and supports prototyping-based program development.

Ease of use is the hallmark of this product. The "Navigation" tool launches any source and activates the associated tool.

ABAP/4 Development Workbench supports the whole development process. Programmers comfortably organize their work in teams.

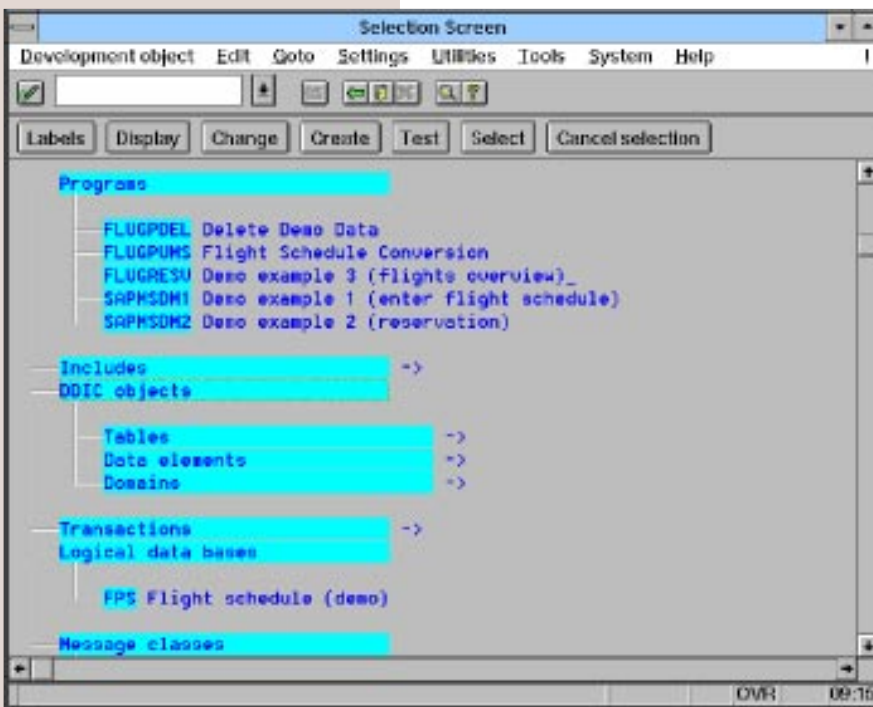
#### ARCHITECTURE

ABAP/4 Development Workbench is scaleable and portable in following areas:

- Graphical User Interface
- Communications/Middleware
- Database
- Business Functions
- Operating Systems

The advantage of SAP's Client/Server Architecture is it's flexibility to distribute applications among various servers resulting in optimized hardware utilization and scalability. Applications are portable across different platforms. It supports all popular graphical user interfaces. Communication with other systems is transparent for the programmer and managed securely by SAP's middleware. Access to the leading database systems is either via SAP's OPEN SQL or the vendor's native SQL.

ABAP/4 functions can be called from other applications using open Remote Function Calls (RFCs). This makes the integration of desktop applications using RFCs, ODBC or OLE2 very simple.



# ABAP/4 DEVELOPMENT WORKBENCH

## TEAMWORK

Today's client/server development projects are group efforts. SAP has packaged its vast know-how in an effort to guide you through the entire implementation process, from project organization to deployment.

An integrated promotion system and version manager help meet the requirements of both centralized and distributed computing. The Development Organizer assures that all changes are coordinated and can be accessed at any time by the development team.

## REPOSITORY-BASED DEVELOPMENT

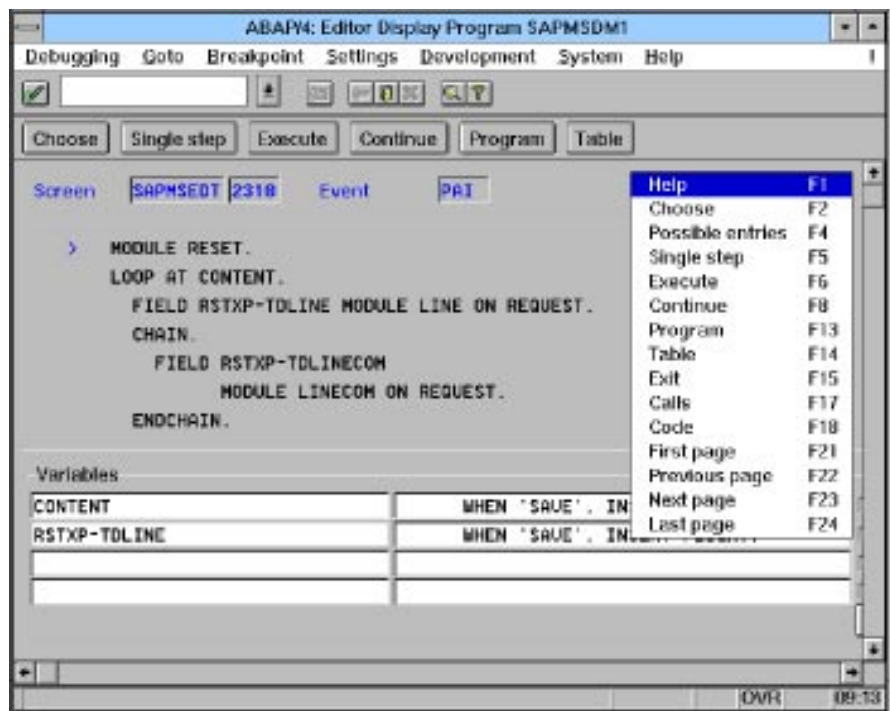
The ABAP/4 Repository provides a complete set of menu-driven facilities to create and maintain database definitions, application defaults and business rules. These can be viewed graphically. The ABAP/4 Dictionary does central, active management of all application-related descriptive data including: table definitions, foreign-key relations and views.

The ABAP/4 Dictionary and the development tools are seamlessly integrated with one another; all tools can access shared, globally-consistent data. Changes have an immediate and direct impact on all relevant applications.

## SAP DELIVERS TECHNOLOGY

ABAP/4 Development Workbench is based on a wide variety of standards for user interface, database development, application to application communications, and programming.

SAP not only delivers technology. The data model for R/3 - the core of R/3 application relationships - is provided. ABAP/4 Development Workbench contains a major library of business functions. You can precisely fine-tune R/3 to your special needs.



## COMPONENTS

The ABAP/4 Development Workbench consists of the following components:

- ABAP/4 Advanced Business Application Programming 4GL
- Workbench Navigation and Browser
- Repository
- Data Modeler
- GUI Builder
- Program Editor
- Debugger
- Function Library
- Team Development and Promotion System

- Performance Monitor
- Communications using Remote Function Calls
- Report Builder

The complete set of documentation (CD-ROM) is also part of the delivery.

## PROFESSIONALS IN CLIENT/SERVER

Programmed in ABAP/4, R/3 software is based on Client/Server Architecture. R/3 is designed as an open system for use on operating systems from a variety of vendors. Along with the software, SAP offers you a complete spectrum of services: professional consulting in organizational and technical issues ranging from project planning to system implementation, qualified staff training, and 24-hour hotline support.

Find out more. Just call or write us.