The solution to database application development on the NeXT™ computer

Objective DB Toolkit

This versatile objects library is designed for the serious applications developer who needs to tap the power of SYBASE without having to resort to the intricacies of 3GL coding. Objective DB Toolkit allows you to build and debug your whole application from within the Interface Builder.

So, if you're working with SQL and are familiar with NeXTstep, put Objective DB Toolkit to the test. It'll increase your productivity dramatically.

Easy Database Access
The database Interface is designed to be simple enough for untrained personnel to nicely format database queries: all you have to know is SQL. Furthermore, we made sure that the interface would respect NeXT standards and let you build applications using the NeXT environment as its standard.

Shorter Development Cycle
To build a simple application, you design the user interface from the specifications using Interface Builder. Once your interface has been accepted, you build the data structure to support it and make the connection with standard SQL select and update statements. A basic reporting capability is automatically included.

Flexibility
Ease of use does not prelude flexibility. Any field value may be substituted in SQL statements. Interval variables may be used to communicate data from field to field and from window to window. Exits may be cascaded in a single field. You may also add some dedicated specialized exits coded in Objective-C.

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Features...

Database Mapping
Database data columns are directly mapped onto window fields.

Matrix Support
Field characteristics are associated with the cells.

Field Templates
Text fields support character, integer, date, money and float templates.

Help Text
Each field may be associated with two levels of help.

Selection from table
In character fields, valid choices may be displayed from a selection query.

Field and Window Exits
Each field and window may be associated with one or more exits that will be executed either before or after processing of the field or window.

Image and Large Text Support
Images and text are associated with palette objects of their own and become no different than any other database object.

Sound Integration
A tape recorder may be instantiated and associated with a triggering button at any time.

List Processing
A multi-level SQL browser is available. Formatted lists may be printed from the browser contents.

Interface Builder Integration
Every object that is created may be fully managed from within Interface Builder.

Multilingual Applications
Applications may be supported in as many languages as one wishes, all through ASCII text tables.

Interfield and Window Communication
Data may be saved to be used in other windows.

One-line Documentation
Documentation, both a tutorial and a full reference, are distributed on-line.

...and Benefits

No explicit assignments and window field tracing required.

Allows support of matrices from Interface Builder, each element of which has its own set of field characteristics.

Character-based validation of data entry eliminates most of the validation.

Automatically includes provisions for both export and novice users.

Allows selection from fixed set of values, dictated by the contents of the database.

Eliminates the need for Objective-C programming and lowers the technical expertise level required to use the product.

Easy integration of large texts and images with applications.

Makes the use of vocal messages as easy as many other data type.

Helps in visualizing the data to be processed. Easily links with other fields.

Only one tool to learn and use.

No program or window duplication required. Much easier to maintain.

Enables users to process data without being limited to displayed values.

Always at your fingertips. Integrate your own notes.