TableView
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Overview
This example shows how you can define a DBTableView and a DBModule programmatically instead of using the corresponding Interface Builder UI Objects . It also shows how you can change the sort order every time the columns in the tableview are rearranged. The sort property is determined by the identifiers of the tableview columns.

Important Note
You need to have access to either a Sybase server with a pubs database, or an Oracle server with an OracleDemo database in order to run this example.

For Version 3.0: You need to install the SybaseDemo.dbmodel or the OracleDemo.dbmodel into your ~/Library/Databases directory. These files are available under /NextDeveloper/Examples/DatabaseKit/Models.

For Version 3.1: The SybaseDemo.dbmodela file in this project directory will be converted to a .dbmodel file at compile time, and you'll be using it instead of the SybaseDemo.dbmodel stored in your ~/Library/Databases directory. For Oracle users, the file OracleDemo.dbmodela will be used.

Program Organization

Major Classes in the Application

TableViewController   A general manager object.   A subclass of the Object class.   Performs miscellaneous
                  initialzations for the DBModule and DBTableView objects.

Other Peculiarities

In order to load an Adaptor dynamically, you need to add the **OTHER_LDFLAGS** definition (see the **Makefile.preamble**). You also need to add the **libdbkit_s.a** library into your **PB.project** under **libraries** in order to use the DBKit API.

Note that you will get a compiler *warning: method 'getProperties' not implemented by protocol* that you can ignore. This method was needed to retrieve attributes from a one-to-one relationship.

Topics Of Interest

- How to get all the attributes from an entity and the sub-attributes that belongs to a one-to-one relationship of that same entity
See the method **initTableView:** in the file TableViewController.m.

- How to make a fetchgroup become the datasource of the tableview by using the method makeAssociationFrom:
See the method **initTableView:** in the file TableViewController.m

- How to replicate the IB connections to a tableview by using DBExpressions
See the method **addTableColumn** in the file TableViewController.m

Change History
August 1992   Created for 3.0 Gold
July 1993   Updated for 3.1