TableViewExample

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Overview

In order to run this example, you need to have a Sybase server with a pubs database installed. This example uses the **SybaseDemo.dbmodela** model file (also available under /NextDeveloper/Examples/DatabaseKit/Models).
For Oracle users, you can modify the TableViewController.m file to comment out #define SYBASE_DEMO and recompile the application.

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.

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.

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

February 1993 Updated for 3.1