

# TableViewExample

by Mai Nguyen, NeXT Developer Support Team

## Overview

In order to run this example, you need to have an ORACLE server with a demo database installed. You should install the OracleDemo.dbmodel from /NextDeveloper/Examples/DatabaseKit/Models into your ~/Library/Databases directory. This example shows how you can define a DBTableView and a DBModule programmatically instead of using the corresponding Interface Builder UI Objects .

## Program Organization

### Major Classes in the Application

TableViewController      A general manager object. A subclass of the Object class. Performs miscellaneous initializations 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 **initWithTableView:** in the file `TableViewController.m`.

**- How to make a fetchgroup become the datasource of the tableview by using the method  
makeAssociationFrom:**

See the method **initWithTableView:** in the file `TableViewController.m`

**- How to replicate the IB connections to a tableview by using DBExpressions**

See the method **addTableColumn** the file `TableViewController.m`

## **Change History**

August 1992

Created for 3.0 Gold