

SourceCode

235127_PixelRule.tiff ↵

Path: /NEBULA/SourceCode

Disk Space: 160 MegaBytes

Description: Programming!

paste.tiff ↵

ADOBE EXAMPLES by Adobe System, Inc:

ControlPoints by Ken Fromm

Includes source code

Dial by Ken Fromm

Includes source code

HelloWorld by Ken Fromm

Includes source code

LineDraw by Ken Anderson and Ken Fromm
Includes source code

StrokeAdjust by John-Henry Gross and Ken Fromm
Includes source code

Adobe Examples End

AlexNeXTSTEPSource

by Alex Duong Nghiem

These are the copyrighted source code examples from my upcoming book, NeXTSTEP Programming: Concepts and Applications (ISBN 0-13-605916-3). The book will be available through Prentice Hall either in May or June, and I will be at NeXTWorld (San Francisco May 25-27) with sample copies.

Includes source code

AtYourService

by Henry Krempel -- NeXT Developer Support

This example demonstrates how applications can export ^aServices^o to other applications (they will appear in other applications')

Services menu).

Includes source code

Broadcast

Broadcast.daemon & displaymsg

by Gary Ritchie

These two programs let you pop-up a panel containing a message, on a system where someone else is logged in to the Workspace. The user does NOT have to have public window server on. These programs require NeXTSTEP 3.0.

Includes source code

Chat

by Andrew Loewenstern

Chat.app is a really simple program I wrote at a Houston Area NeXT User Group meeting to show our user group how to write apps using Distributed Objects. It is a multiuser chat program that lets clients connect to a "server" and share messages with each other.

Includes source code

Classes

AppExceptions

by Scott Hess

AppExceptions provides for a clearing house of named NeXTSTEP exceptions. Simply link it into your app, and call it NXApp.

Includes source code

browser

Includes source code

ContourView

by Izumi Ohzawa, Ph.D

ContourView class (a subclass of View)

It does color fills within contours just like colored geographical maps.

Includes source code

DirPanel

by Scott Hess

DirPanel provides the ability to select directories for SavePanels and OpenPanels. It does this by providing an Objective-C Category of

SavePanel, and an alternative form of the -runModal* methods for selection of directories.
Includes source code

FileQueue

by Carl F. Sutter

The FileQueue Class is a simple Interface Builder Module to implement a queue of strings, like a list of files.
Includes source code

FindManager

by David Holscher

Using the Find Manager gets you a find interface almost exactly like found in the Edit application.
Includes source code

Gauges

by <joe>

There is a general purpose gauge class called "Gauge" that knows how to do all of the functions of a specific gauge but draw it and refresh it's background. It has all of the functions to set flags, data

and load values.

Includes source code

HashFile

by Christopher Lane

HashFile is an object class that implements a bridge between the hashed database library functions, db(3) (used to implement the 'defaults' database and Digital Librarian index files), and the HashTable object. It can be viewed as an alternate interface to the database library functions or as a type of HashTable that survives program execution.

Includes source code

IconView

An IconView is a View which accepts Icons dropped onto it from applications like Workspace Manager.

Includes source code

IEMappedFile

by Montgomery Zukowski, Intuitive Edge

IEMappedFile is a public domain class. It is designed as a central

resource to map files into memory and make sure that only one object corresponds to one filename.
Includes source code

Rubberview

by Doug Kent

This project demonstrates the use of the Rubberband object in a program called Rubberview.

Includes source code

SampleClasses

by Martin D. Flynn

objectThreadPerform - Multiple thread support

ScrollText - Text object printing support

ReadConfig - Run-Time configuration support

Includes source code

ScrollTxt

ScrollingTextDisplay, class to implement scrolling resizable text from an input stream. Scrolling is both vertical and horizontal.

Includes source code

SortedList

by Don McGregor

This object implements a SortedList, something like the Smalltalk SortedCollection. Objects can be added to the SortedList, and will always be kept in sorted order. It's primarily an internal programming data structure that most users won't see directly.

Includes source code

String

by Don Yacktman

This is the source code and documentation for the String class, a simple class which handles strings and provides an interface to the standard C string functions.

Includes source code

SubprocessPlus

by Drew Davidson

My additions were made to support a "Processes" panel like the Workspace has, so that multiple

Subprocesses could be used simultaneously and tracked

faithfully.

Includes source code

WhereAml

by Scott Hess

WhereAml provides addition methods for Applications concerned with finding files which are part of a .app wrapper.

Includes source code

End of Classes

CronVixie2.1

by Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs).

Includes source code

DBKit

AssociationExample

by Mai Nguyen, NeXT Developer Support Team

The Association example provides a way to do filtering of detail records by using a subclass of DBAssociation that replaces the default association which exists between the master FetchGroup and the detail FetchGroup.

Includes source code

BooleanFormatter

by Mai Nguyen, NeXT Developer Support

This example shows how to substitute the default display format in the TableView to your own format by subclassing the DBFormatter class.

Includes source code

DBTVTest

by William Shipley

The properties must conform to the DBPOproperties protocol. The class SimpleProperty handles that. Then you need an object to act as the DataSource of the table. It must conform to the informal

DBTableDataSources protocol. The Tester class handles that.
Includes source code

QuickApp

How to fetch data with a qualifier that refers to a one-to-one relationship attribute.

Includes source code

TableViewExample

by Mai Nguyen, NeXT Developer Support Team

This example shows how you can define a DBTableView and a DBModule programmatically instead of using the corresponding Interface Builder UI Objects .

Includes source code

DBKit End

DeveloperLabs / Lab 1

Build a calculator using Interface Builder, the Application Kit, and a skeleton calculator object.

Includes source code

DeveloperLabs / Lab 2

Create a simple application which demonstrates the various compositing modes.

Includes source code

DeveloperLabs / Lab 3

Fix a broken texteditor called TextLab.

Includes source code

DeveloperLabs / Lab 4

Write a complete application from scratch.

Includes source code

DrawingInAnAppIcon

by Jim Million

This is a simple example to demonstrate how to draw within an application's icon

Includes source code

Dynamic App

Version 1.0

by Ed Hill, NeXT Campus Consultant at the University of Iowa
DynamicApplication gives you an easy way to dynamically load class descriptions at runtime. By subclassing Application it make it possible for any object to load a Class simply by sending a message to NXApp. Includes source code

Executive Tester

Version 1.1 by Marc A. Davidson, NeXT Campus Consultant,
University of Arizona

Executive allows the execution of shell commands from a program, providing both synchronous and asynchronous execution of commands.

Includes source code

File Browser

Version 1.0

by Tyler Gingrich and Varun Mitroo

This program is intended to demonstrate the implementation a file/directory browser without creating alot of extra code around the basic stuff.

Includes source code

Flip

by Rahul Dhese

This is Rahul Dhese's flip program compiled for the NeXT. It's a simple little program that makes it easier to exchange DOS and Un*x text files.

Unix shell application

Includes source code

GNULicense

This package was created to make it easier to include the GNU General Public License (GPL) into the interface of a NextStep application.

Includes source code

iDrag

by Bill Bumgarner

IDrag is a demo of registering windows and handling icons from other applications.

Includes source code

Inspectors

Allinspectors

by Terrence Talbot

Included in this directory is AllInspector.bundle which provides a Workspace Manager inspector for Adobe Illustrator files.

Includes source code

InspectMe

by Kevin Brain

InspectMe is an example of how the InspectorManager class may be used. This example may look intimidatingly large for an example, but don't panic, it isn't as bad as it looks!

Includes source code

InspectorManager

by Kevin Brain

InspectorManager is a class designed to provide complete inspector functionality for any

application.

Includes source code

InspectorPanelDemo

by Joe Freeman

Just make and run. The text field at the top of the panel is not hooked up. It is an exercise left to the reader. Create a delegate for the panel with an outlet connected to the text field.

Includes source code

NewInspector1.1b

by Imran Qureshi

This class is intended to be used as a generic Inspector which simplifies the programming of Inspectors. Most of the things that Inspectors do is encapsulated in this class.

Includes source code

SwapView_20r

by Greg Burd

This example is provided because I believe this to be the best way to learn, and I am a fanatic on support. The code for SwapView

does not in itself do an inspector, as used in many applications, by itself. The swap view only does the actual swapping of views (hence the name :-). So I felt an apt example would be something that finishes out the 'inspector' functionality.

Includes source code

WrapperInspector

by Jim Million

WrapperInspector is a custom WorkspaceManager Contents Inspector. It registers with WM to manage inspection of 'wrapped' (also referred to as 'bundled') WM files.

Includes source code

YourWS_Inspector

by Greg Burd

This is an example of how you can create a dynamically loaded Workspace Contents inspector. When you bring up the Workspace inspector and select inspect the Contents of a file, Workspace looks at the extension, and then if a class has registered to inspect that extension, it loads it into the inspector.

Includes source code

Inspectors End

Julian

by Charles G. Bennett

The Julian Class is an Interface Builder Module to implement julian day functions

Includes source code

Libcs

The files in this directory constitute the exportable CMU Computer Science department additions to the C runtime library. They are part of the CMU CS runtime library by default, but may be exported separately as LIBCS.

Includes source code

LispExample

This directory contains a programming example called "Lisp". It puts up a scrollable window in which you can type Lisp code. It is a good example of running Common Lisp as a child process and subclassing the Text object to be a Lisp Listener.

Includes source code

Matrix

by Imran

The VarMatrix class is a subclass of Matrix that allows variable sized columns and rows. However the overall shape of the matrix has to be a rectangle.

Includes source code

MINI EXAMPLES:

AskMe

by Mai Nguyen, NeXT Developer Support Team

It shows how to localize an application.

Includes source code

BananaSplit

By Henry Krempel

This example shows how to handle resizing with an NXSpliview.

Includes source code.

CellScroller

by R. Dunbar Poor and Mai Nguyen, NeXT Developer Support

CellScroller is a simple example that installs a matrix of custom cells (FooCells) in a subclass of ScrollView (CellScrollView).

Includes source code.

ConvertXY

by Sharon Zakhour, NeXT Developer Support Team

This example shows how to convert from an X,Y coordinate location in the Text object to the nearest character position in that object.

Includes source code.

FilterFunctions

by Susan Rayl, NeXT Developer Training Team

This MiniExample demonstrates how to modify the filter function of a text object. A text filter function is the input filter for the Text object which allows the programmer to monitor (and control or modify), the characters entered into a Text object or a TextField object.

Includes source code.

FindIt

by Mary McNabb, NeXT Developer Support Team

The FindIt example, besides displaying some truly fine quotes, implements a basic find panel. The find object can apply a text search to the contents of a text object or a matrix of text fields.

Includes source code.

Grabber

the program: by Ali Ozer, NeXT Software Group

the example: by Sharon Zakhour, NeXT Developer Support Team

This example shows how to create a TIFF file by reading the bits of a rectangular region from the screen. This is accomplished using methods of the NXBitmapImageRep class.

Includes source code.

ImageText

By Jayson Adams, NeXT Strategic Developer Engineer

This example demonstrates how to place graphic images in a Text object.

Includes source code.

NormalBrowser

by Sharon Zakhour, NeXT Developer Support Team

This mini-example illustrates how to implement a normal browser.
Includes source code.

PaginationLab

by Samuel Streeper, NeXT Technical publications

When you print a large View, the Application kit will dice your View up into page size rectangles automatically and place these pages on sheets of paper for you. However, it's quite likely that the page breaks that the kit selects are not where you might like them. This application demonstrates how you can influence the kit's pagination routines, and how you can take control of pagination altogether.
Includes source code.

Performance Tuning Self-Teaching Guide

by Mai Nguyen, NeXT Developer Support
and Randy Nelson, NeXT Developer Training

This folder contains 3 versions of the same example VisibleView. VisibleView-01 is the non-optimized version, VisibleView-02 is a version with some improvements, and VisibleView-03 is the most optimized version. The Winfo folder contains the Winfo tool.

Includes source code.

Rotato

by Henry Krempel, NeXT Developer Support
(based very much on Ali Ozer's original)

This example is intended to illustrate the steps necessary in rotating an NXImage. A Custom View is shown that contains an NXImage.

Includes source code.

ScrollingText

by Sharon Zakhour, NeXT Developer Support Team

This example shows how to create a document window which contains additional controls in the scroller bars.

Includes source code.

ScrollTiff

by Phillip C. Dibner, NeXT Developer Support Team

This MiniExample demonstrates how to load a TIFF file into a ScrollView.

Includes source code.

TIFFandEPS

by Sharon Zakhour, NeXT Developer Support Team

This example shows how to open EPS or TIFF images and save them back out as EPS or TIFF -- converting the image in the process.

Includes source code.

WhatsUpDoc

by R. Dunbar Poor

What's Up, Doc? provides a skeletal example of how you might manage multiple documents in an applicaton.

Includes source code.

ZooView

by Mary McNabb, NeXT Developer Support Team

Get to know the Developer Support Team, and a few other shady characters with the ZooView mini-example! In this application select a name from the list in the browser, and instantly see a photograph of that person!

Includes source code.

MiniExamples End

NeXTSTEPAdvantage

Listings from the book The NeXTSTEP Advantage

Includes source code.

NeXTWORLD Drag Lab

Version 4.0 by Greg Burd and Randy Nelson

Example about mouse dragging.

Includes source code.

NMK - NeXTSTEP Measurement Kit

by Alex Meyer

Measure and view data about how users interact with user interface items.

Includes source code.

ObserveTester

by Adamation

Look at another field and copies it in real time.

Includes source code.

OOP_Course

Short Course Object-Oriented Programming and the NeXTSTEP Development Environment

by John R. Glover, University of Houston, August 1992

These are notes used in a 3-day short course taught occasionally at the University of Houston. Included here is the schedule used in teaching the course, the notes themselves, the lab exercises, and several additional example programs.

Includes source code.

OrderByTest

by Adam Hertz/William Shipley

In order to run this example, you need to have an ORACLE server with a demo database installed.

Includes source code.

Palettes

Calendar

by Jim Million

Calendar.palette is a 3.0 InterfaceBuilder View palette for the

Control subclass Calendar. Calendar is a simple UI widget for presenting and selecting dates in a calendar form.

Includes source code

* Incompatible with NeXTSTEP 3.1

CircularSliderPalette

Includes source code

* Incompatible with NeXTSTEP 3.1

Clocks

by Jim Million

Clocks.palette is a 3.0 InterfaceBuilder View palette for the Control subclasses AnalogClock, CalendarClock, and DigitalClock (all direct subclasses of Clock).

This one works great!

Includes source code

ColorBrowser

by Jim Million

ColorBrowser.palette is a 3.0 InterfaceBuilder View palette for the NXBrowser subclass ColorBrowser. ColorBrowser uses a

ColorBrowserCell as its Cell class.

Includes source code

* Incompatible with NeXTSTEP 3.1

ConnectDemo

by Andreas

It fully implements the functionality of IBConnectInspector (exceptions mentioned below). Also, there are only minor differences in the outfit of the interface to help the stressed programmer finding the right buttons.

This one works great!

Includes source code

JoyStick

by Ian Stephenson

A simple Joystick object, written to try out writing an IB pallette.

Simply drag it into your application, and add JoyStick.[hm] to the project.

Includes source code

* Incompatible with NeXTSTEP 3.1

KeyDownBrowser

by Jim Million

KeyDownBrowser.palette is a 3.0 InterfaceBuilder View palette for the NXBrowser subclass KeyDownBrowser. KeyDownBrowser extends NXBrowser to provide Workspace Manager-like response to keyboard entry.

This one works great!

Includes source code

MailComposer (palette)

Version 1.0

by Jim Million

MailComposerPalette is a 3.0 InterfaceBuilder Object palette. With this palette, you can remotely open, write to, and deliver 'Compose' windows in Mail.app.

This one works great!

Includes source code

Object Palette

by Charlie

This is a quick example in the "mini-example" vein. It is a demonstration of how to generate an object palette for Interface

Builder. The object itself does very little (adds two numbers and returns the result), so the example should only be considered as a skeleton of how to develop object palettes.

This one works great!

Includes source code

PAScrollViewDeluxe

By Jeff Martin

This object is an enhanced subclass of ScrollView.

This one works great!

Includes source code

PAStrngList

by Jeff Martin

The PAStrngList (a subclass of Storage) is a convenient way to deal with lists of character strings. It contains methods for adding strings, inserting strings, sorting strings and searching for strings.

This one works great!

Includes source code

PAThumbWheelPalette

This is a palette that implements a thumbwheel like the ones on radios etc...

This one works great!

Includes source code

RotationSliderPalette

by Don Yacktman

RotationSliderPalette.palette is a 3.0 InterfaceBuilder View palette for the Slider subclass RotationSlider. RotationSlider is a simple UI element which implements a slider which is circular in shape, rather than straight. A RotationSlider's appearance is similar to that of certain sliders appearing in several Stone Design products, except that it has a proper bezel and a different knob.

This one works great!

Includes source code

Palettes End

PersonalPreferences

by Greg Burd

This is an example of how you can create a dynamically loaded

preference into Preferences.app.
Includes source code

Plotter

This directory contains Plotter and the source files used to create it. Plotter is a demonstration application that's discussed in ^aThe NeXTstep Advantage: Application Development with NeXTstep^o
Includes source code

PriorityQueue

by Mark Onyschuk

PriorityQueue is a container class like NeXT's List, except objects contained within a PriorityQueue are dequeued by unsigned integer priority.
Includes source code

Project_2

Project Two: The One-Button Calculator

Found on page A-28 in the NeXT Development Tools.
Includes source code

Project_3

Project Three: The One-Button Calculator

Found on page A-39 in the NeXT Development Tools.

Includes source code

PSviewExample

by Eric "E.T." Tremblay

This is a simple example of how to do PostScript in a view.

Includes source code

RadioAssociation

Courtesy of William Shipley and Jerry Goode

These 2 files allow you to make a matrix of radio buttons synchronize with the boolean data type of your database.

Includes source code

Random

Version 1.1 Written by Gregor N. Purdy

The Random class provides services for random number generation and dice rolling. It implements its own random number generator with a cycle length of 8.8 trillion.

Includes source code

RemoteCompose

by Jim Million

This example demonstrates how to remotely open and manage 'Compose' windows in Mail.app, using the custom Speaker subclass MailSpeaker.

Includes source code

RTFExplorer

by Klaus Hofrichter, Dec 1992

RTF Explorer is a little, more or less interesting application. It can be used to learn more about the RTF notation used by AppKit's Text object.

Includes source code

ScrollView Example

by Eric "E.T." Tremblay

This is simply an example of a working scrollview.

With examples such as textlength, bytelength, background color, text color, setText, check spelling, text justification, ruler, and Save and

Load a scrollview. (I know it's not only a scrollview example, it show a lot of stuff from the text object also.)

Includes source code

ScrollWindow

by David S. Joerg, MindShock, Inc.

The Appkit provides facilities for automatically resizing Views.

However, for many Views it does not make sense to allow resizability (control panels, game boards, and palettes being good examples). By using ScrollWindow for your fixed-size windows, users gain more control over how much screen space each window will take.

ScrollWindow is not very useful for resizable Views, since the user already has control over the window's size.

Includes source code

ShellPanel

by Christopher Lane

Alert, Menu, Open and Save are simple wrappers for the NextSTEP NXRunAlertPanel routine and OpenPanel and SavePanel objects that allow them to be used from (interactive) Unix shell scripts (to provide consistent GUI panels across C and shell executables).

Includes source code

Sizer

How to resize a view.

Includes source code

SliderDualActing

by Andrew Stone

SliderDualActing is a Control that combines a textField and slider as one logical object, knows how to "undo" itself, synchronize its displays, and validate and reset the slider if the user types in values higher than maxValue or lower than minValue.

Includes source code

Tee.3.0

by Dimitri Tischenko & P.B. Schuller, special thanks to Scott Hess

Tee is created in analogy with the Unix(tm) tee command. Tee permits connecting an action to more than one object.

Includes source code

TextORama

by Sharon Zakhour, NeXT Developer Support Team

How to create a TextField which supports one or more of these features: Restricting text length (both when typing and pasting). Autojumping to another TextField when maximum length is reached. Interpreting a carriage return literally rather than as an indication to end editing. How to implement emacs key binding support for the Text object.

Includes source code.

TIFFframes

by Robert F. Cahalan

TIFFframes is a very simple NeXTStep utility useful for creating 24-bit TIFF images from 3 separate 8-bit files, which store the red, green, and blue components separately with no header information.

Includes source code

Tutorial

This directory contains several documents related to a Capabilities Seminar that was developed by Dan McCreary with the assistance and encouragement of Greg Smedsrud, Dave Stutz, Larn Warburg and

Charlie Oei. This seminar is designed to introduce concepts of object oriented programming and the NextStep environment to faculty developing courseware.

Includes source code

Twin

A T window interface.

by John D. Ramsdell

It runs T as a separate process and provides an editable input window and a history window for interaction with T.

Includes source code

WhatButton

by Eric "E.T." Tremblay

Almost everything you want to know about Radio Buttons.

Includes source code.

WindowDepth.bproj

by Gary Ritchie

WindowDepth.preferences is a Preferences.app module that lets you

tinker with the maximum window depth of applications. It requires NeXTSTEP 3.0.

Includes source code

WindowSize

by Rene Guimont

This is an example of how to find a windows location, size and if it has been moved, selected etc...

Includes source code

XView

by Karl Kraft.

Part of the "tour of Appkit" Collection. How to resize a view.

Includes source code.