

BlockSizer

by Jack Greenfield, NeXT Engineering

Overview

This example demonstrates different usages of the `IXStoreFile` class of the Indexing Kit such as store compaction, abort, allocation and block resizing. In particular, it shows the level of efficiency for different combinations (block size, number of blocks, etc.). It allows the user to experiment with different store sizes before implementing a real program.

Program Organization

Major Classes in the Application

Controller The heart of the functionality of the program. A subclass of `Object`. It essentially manages the `IXStoreFile` instance with operations such as commit, compaction, allocation/free etc.

Other Peculiarities

You need to add `libIndexing_s.a` into the Libraries folder of `PB.project` .

Topics Of Interest

How to step through the execution of the `IXStoreFile` creation

This is done in the Controller class, with the method `ping:sender`. Note that if you can remove the `perform:with:afterDelay:cancelPrevious:` to speed up the execution.

Valid for 3.1/3.2

Change History

01/Sept/93

Created example for Release 3.2.