

Lab 8 –Master Detail View App with a Split-View Controller

Introduction

The purpose of this lab is to give you practice using a Split-View controller.

Programming Language Info App

Create an app that users a Split-View controller to display a list of programming languages, and details about the language that the user selects.

The master table view should show both the name of each programming language and the year it was developed. The year should be in the detail text of the TableViewCell.

The detail view will display the name of the language, the year it was developed and a Wikipedia page-similar to the example we walked through in class. You should have at least 12 languages in your list.

You can get a list of languages and Wikipedia URLs here:

http://en.wikipedia.org/wiki/List_of_programming_languages.

Additional Requirements:

- The language names, years, and URLs should be loaded from a plist or an xml file.
- Instead of putting the language names, years and URLs into a dictionary, create your own custom class to hold them.
- Add a button to the master view that will allow the user to sort the list by name or by year.

Optional features:

- Add a popover to let the user choose a language for the Wikipedia article.

Alternative lab assignment:

Propose an app of your choice that is similar to the one above, but that has a master view displaying some other kind of information, like a table of elements.

Submission:

Zip the solution folder and upload it.

Put the screen shots in a document, label each screen shot, and upload the document.