

# SeeScoreIOS sample project

The SeeScoreIOS sample project demonstrates how to use the SeeScoreLib for iOS. It provides a scrolling view of a MusicXML file with pinch-zoom as in SeeScore, using SSScrollView. It also demonstrates various features available under licence including transpose, an active cursor and a sample-playing synthesizer.

This example displays MusicXML files using SeeScoreLib with SSScrollView. To try the sample app load SeeScoreIOS.xcodeproj into Xcode and run. You can run it in the iPad or iPhone simulator or on a real iPhone or iPad attached to the computer

If the Documents directory contains no loadable files on startup, a set of sample files in resources is loaded. If you want to try your own xml or mxl files just load them into the project resources.

- A watermark is displayed over the score, which can be removed on purchase of a licence key
- Tapping Next File loads and displays the next file
- Pinch to zoom
- A cursor is displayed by tapping on a bar.
- To demonstrate colour setting, tapping a note or rest changes its colour to red for half a second
- To demonstrate part selection, a long press (>1s) and release on a part displays only that part. Another long press and release restores the display of all parts.
- It can play the score using the synthesizer by pressing the play button. It shows count-in on the screen and a cursor which moves to the note being played. Tapping on a bar while playing moves the playing to that bar.
- It can display midi type play information in the project console when play is tapped by defining PrintPlayData at the top of SSSampleViewController.m
- The playing tempo can be changed by moving the slider at the bottom.
- The metronome can be switched on and off using the switch at the bottom

*SSBarControl* is provided as an example of a bar indicator as in SeeScore

The SeeScoreIOS project requires iOS 6.0 or later as it uses storyboards and constraints.

## **Licensing terms**

All source code supplied may be used without any conditions attached, or any warranty implied. Any App using the SeeScoreLib.framework should display an acknowledgement in the App or its documentation: "SeeScore MusicXML rendering is used under licence (c) Dolphin Computing <http://dolphin-com.co.uk>"

SeeScoreLib.framework must not be copied to a third party, but should always be obtained direct from Dolphin Computing. <http://www.dolphin-com.co.uk>