Catch

iPhone Conference App Guide

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Introduction

Catch.com makes it easy to capture your ideas and experiences into activity streams in those areas where you want to learn and grow. Capturing notes during a conference is an ideal use case for Catch.

After the release of several successful apps for TED and TEDx conferences that integrated the Catch functionality, it was decided to open source the app and make it available to any conference organizer for free. The functionality was further improved and syncing now uses Google Fusion Table to avoid relying on private databases. Any event organizer who wants to have an android app for their conference can simply follow this guide. The app is open sourced under the terms of the MIT license and Apache License and can be found at https://github.com/catch/TED-iPhone-App. Contributions are welcome.

The conference app currently supports single-track conferences. Conferences with multiple tracks are supported by having several single-track buttons on the dashboard. This portion will be improved in the future.

Requirements

- Mac
- XCode installed
- Google Fusion Table Account
- 30 minutes of your time

The Guide

Step 1: Download the following .csv files
- Events.csv: a table that contains all your events with all the sample data given,
- Speakers.csv: a table that contains all your speakers, each speaker needs an EventId that comes from Events.csv. Sample data is given,
- EventSessions.csv: a table that contains all your sessions for that event, which can be displayed when users are searching for session.

Step 2: Import your data into Google Fusion Table
New Table -> Import table

Google fusion tables
beta

Search tables   Request a feature

New table ▾

Import table
New empty table

Shared with me

Trash

Public tables

Owned by me

| | Name | Shari |
| | | |

Click on Choose File and import all three .csv as follows:

Import new table   ☒

From this computer

Google Spreadsheets

Create empty table

(Choose File) Events.csv

Types of files that you can upload   Learn more

   Comma-separated files (.csv) - Up to 100 MB   ⑦

   Microsoft Excel files (.xls, .xlsx) - Up to 1 MB   ⑦

   OpenDocument Spreadsheet (.ods) - Up to 1 MB   ⑦

   Keyhole Markup Language (.kml) - Up to 100 MB   ⑦

For spreadsheets larger than 1 MB, export to a CSV file and then upload.

Cancel   « Back   Next »

Import new table ⊠

Table name	Events.csv
Allow export	☑ ⑦
Attribute data to	⑦
Attribution page link	
Description	Imported at Mon May 09 12:22:42 PDT 2011 from Events.csv.

For example, what would you like to remember about this table in a year?

Cancel   « Back   **Finish**

Import new table ⊠

Specify the columns to import.

Column names are in row 1 ⏷

Import	☑	☑	☑	☑	☑	☑
1	**EventId**	**EventName**	**EventVersion**	**EventThemeId**	**EventDate**	**Desc**
2	1	TEDxTransmedia	1	2	9/30/2010	TEDx
3	3	TEDxAsheville	3	1	8/29/2010	TEDxA
4	4	TEDxNextGenerationAsheville	1	1	8/28/2010	TEDxI
5	5	TEDxOrlando	1	1	11/13/2010	TEDxC
6	6	TEDxHolyLand	1	1	10/28/2010	TEDxI

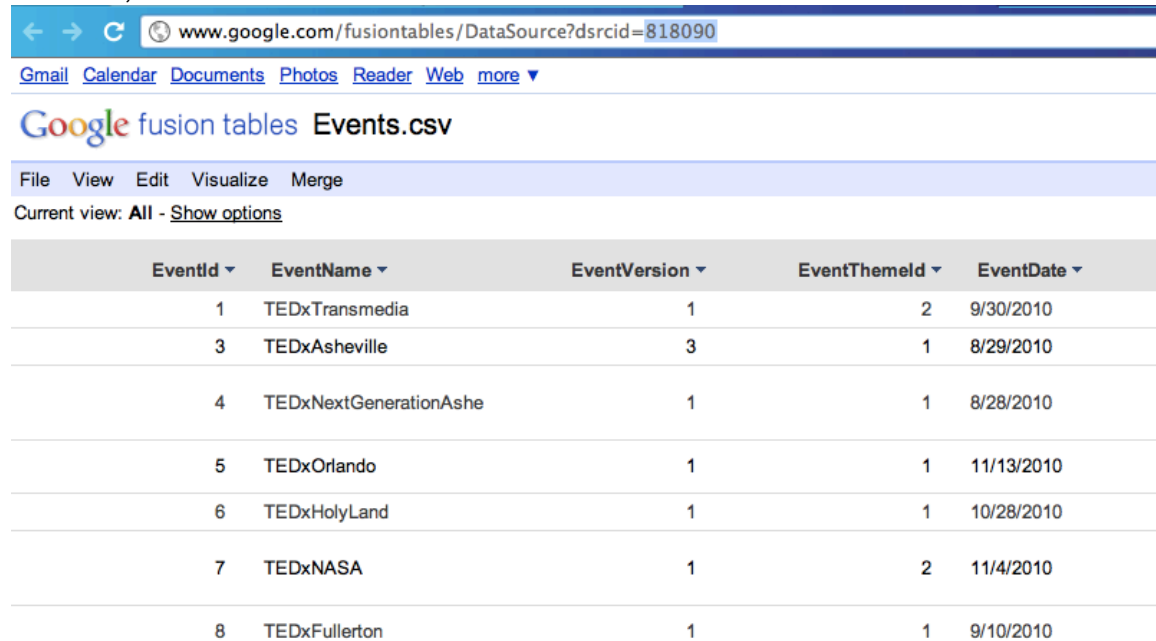Rows before the header row will be ignored.

Cancel   « Back   **Next »**

After importing Events.csv, import EventSessions and Speakers.csv using the same method.

Step 3: Getting table numbers

Each of the Google Fusion Table will give you a table number located on top of the URL, write down all three table numbers.

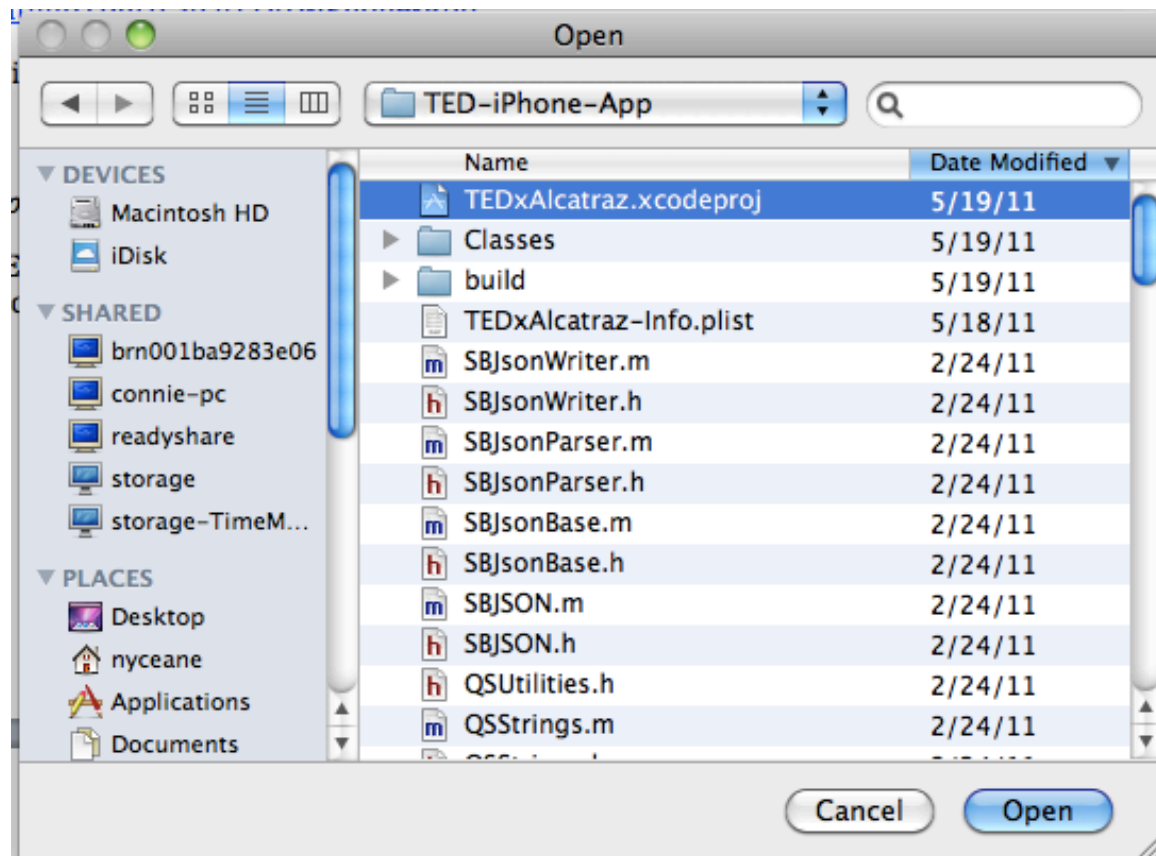Events Table Id: XXXXXX (you have your own table Id)
Speakers Table Id: XXXXXX
EventSessions Table Id: XXXXXX

Step 4: Download iPhone Source code from Github

This open source project is hosted on Github and can be found at https://github.com/catch/TED-iPhone-App. You can either branch it or just download straight into your hard drive.

Step 5: Open project in Xcode

Open Xcode, Select File -> New -> iPhone Project and select Create project from existing Source.
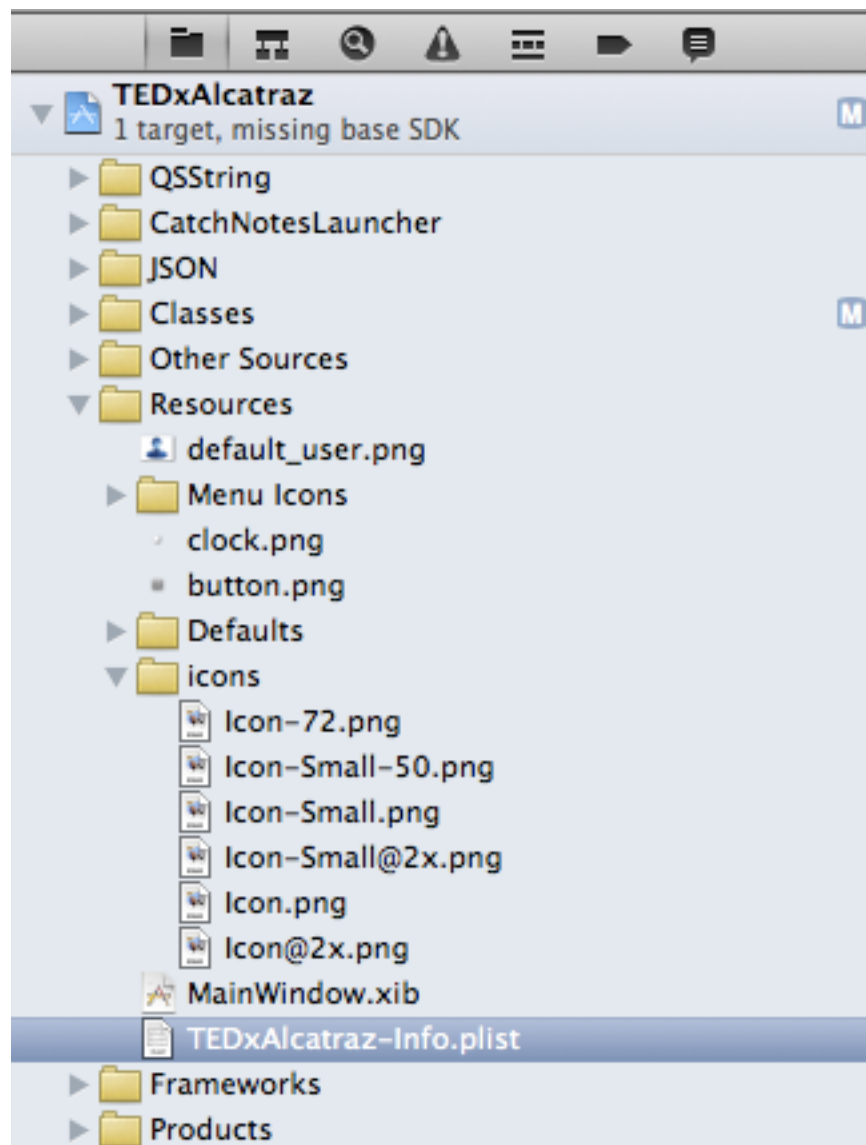
Step 6: Fill your Events.csv Table with your Events Information

EventId ▾	EventName ▾	EventVersion ▾	EventThemeId ▾	EventDate ▾	Description ▾	Address ▾	Website ▾
1	Test Conference	1	2	9/30/2011	My Conference	(37.7756,-122.416534)	http://www.google.com

Make sure you put down EventId for your event, if there are other tracks just put down a separate EventId.

About and Schedule table cells can accept HTML so that you can style your page the way you like.

Step 7: Change your basic information in TEDxAlcatraz-Info.plist

TEDVenue		Diction...	(7 items)
Address	String	300 E. Ocean Boulevard Long Beach, CA 90802	
EmailAddress	String	peter@catch.com	
EventId	Number	19	
Latitude	Number	33.765003	
Longitude	String	–118.189523	
Name	String	Long Beach Convention and Entertainment Center	
SubEventId	String	18	

The plist file contains basic information about your app:
Bundle display name

This is your event name, or whatever you want your app to be called

TEDVenue -> Email
Your Email, so that people can contact you right away

TEDVenue -> EventId
The primary EventId that you set up in Step 6.

TEDVenue -> Name
Name of your location for the app

TEDVenue -> Address
The location of your conference so that users can get there from their google map on the phone

TEDVenue -> Latitude, Longitude
The Latitude and Longitude of your conference so that users can get there from the phone

TEDVenue -> SubEventId
This is a temporary solution when you have multiple tracks, you can set up a different event on that table

```
<!--Google Fusion Url-->
```

▼ FusionTableCalls	Diction...	(8 items)
GetEventAbout	String	https://www.google.com/fusiontables/api/query?sql=SELECT+About+FROM+561503+WHERE+EventId=%d&jsonCallback=
GetEventAboutCallBack	String	about
GetEventSessions	String	https://www.google.com/fusiontables/api/query?sql=SELECT+SessionId,+SessionTime,+SessionName+FROM+560983+WHERE+EventId=%d&jsonCallback=
GetEventSessionsCallBack	String	sessions
GetEventSpeakers ⊕⊖	String	er,+FirstName,+LastName,+Title,+Topic,+Facebook,+Email,+Website,+Twitter,+Description,+PhotoUrl,+ScheduleDate,+Session+FROM+561408+WHERE+EventId=%d&jsonCallback=
GetEventSpeakersCallBack	String	speakers
GetEventVersion	String	https://www.google.com/fusiontables/api/query?sql=SELECT+EventVersion+FROM+561503+WHERE+EventId=%d&jsonCallback=
GetEventVersionCallBack	String	version

This is the query where it gets your Events data, change [EventsTableId] into your own Speaker Table ID from Step 3.

Step 8: Change your app's class

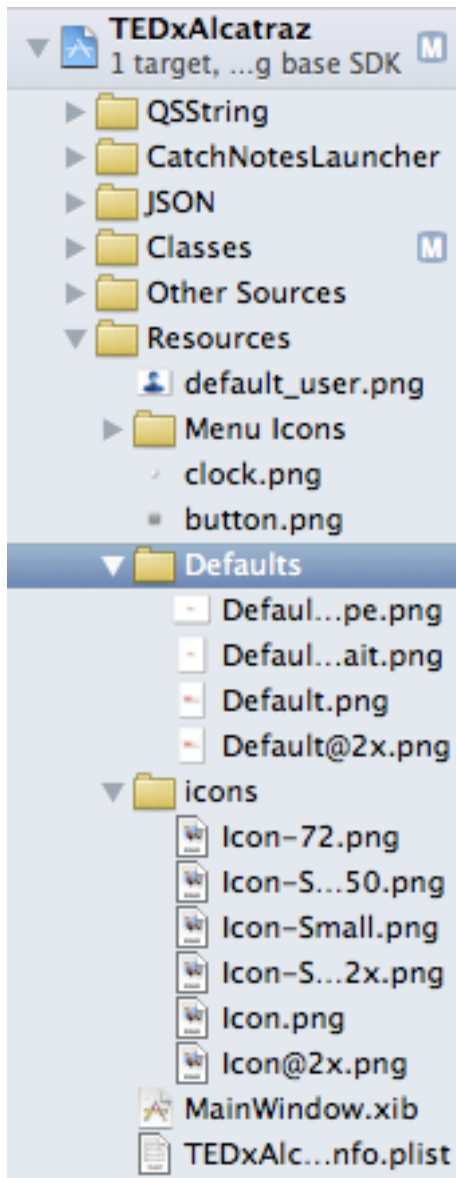| Bundle identifier	⊕⊖	String	com.catchnotes.tedapp

In the TEDxAlcatraz-Info.plist file, change the Bundle identifier to your own package name (example: com.tedx.alcatraz).

Step 9: Fill rest of the table information
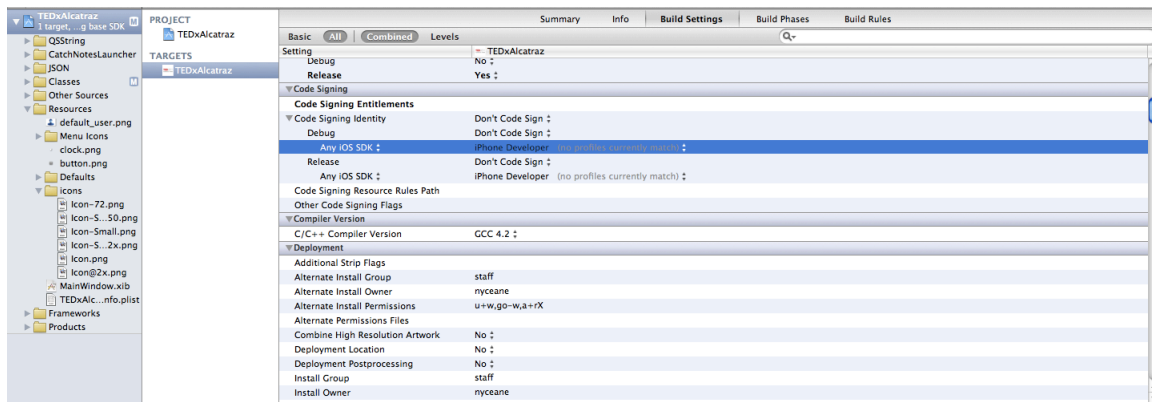Fill up information from Speakers and EventSessions on your google fusion Table.

Step 10: Changing Graphics

Change following graphics with .png of the same size. All the graphics under Defaults are splash screen graphics. All the graphics under Icons are Icons for the application.

Step 11: Code Signing
Make sure the code signing is your own.

Step 12: Publish your app

Follow Apple's guide from this point on:
http://developer.apple.com/library/ios/#documentation/Xcode/Conceptual/iphone
_development/128-
Managing_Devices_and_Digital_Identities/devices_and_identities.html#//apple_r
ef/doc/uid/TP40007959-CH4-SW9

You can email us at developer@catch.com if you have question or feedback.

Have a great conference!