



Milton Getting Started Guide

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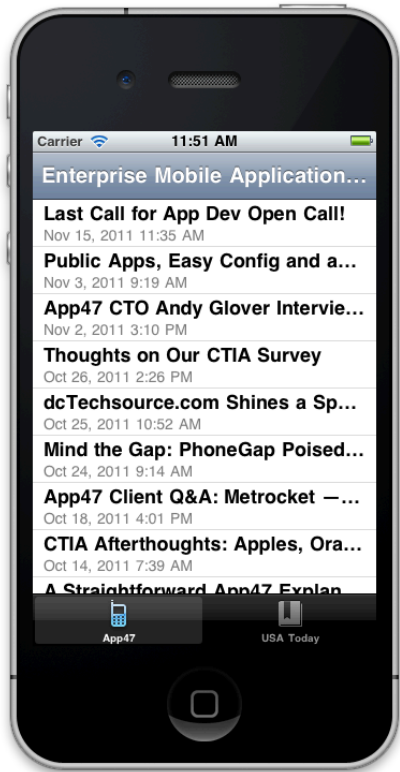
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Introduction



The Milton application was developed by App47 to demonstrate the majority of features available through the App47 service, as well as offer a convenient, risk-free way to try our service. It is an open source application hosted on Github that can be downloaded a number of ways and receive updates through the git SCCM. This guide is meant to serve as an adjunct to the Getting Started guide available on the App47 resource center.

Milton is a simple RSS feed viewer App that contains a set of tabs with each tab showing a list of recent RSS feed items. The feed source must be using the ATOMIC format as we are using the MWFeedParser written by Michael Waterfall.

Required steps:

- Create an App47 free account
- Create an App within the account
- Download Milton from github
- Update the App ID in your version of Milton.

Optional steps

- Create configuration groups to change the RSS feeds shown in the Milton application.

Create an App47 account

If you have not done so already, go to the URL: <http://www.app47.com/signup/>, to sign up for a free account. Answer a few simple questions like name, title, company and password, and hit the “Get Started!” button. You’ll be sent an email verification to complete the registration process. Once that is done, log into the App47 system to get started.

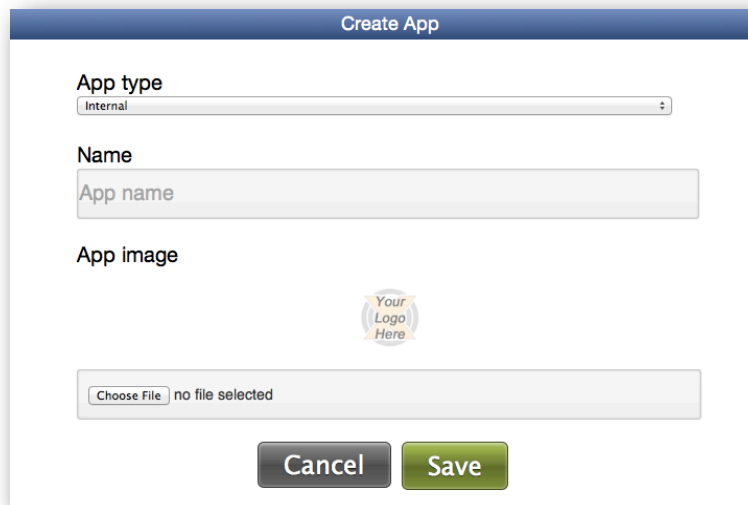
Feel free to visit the video section on our web site (<http://www.app47.com/resource-center/videos/>) to see other getting started videos.

Create an App within the account

Once you have the account confirmed, log in and click the “+ Add App” button to add a new App.

+ Add App

You should see an Create App screen:



Keep the App Type as “Internal,” change the name to “Milton” and upload an image. There is an image included in the Milton app if you would like to use it.

Download the Milton App

Milton is an open source application hosted in github. The repository is located at <https://github.com/App47/milton-ios>.

You can download the zip file from this page, or use git to retrieve a copy off the master branch. Using your favorite terminal application, clone the git repository with:

```
:App47 chris$ pwd
/Users/chris/Dropbox/Development/App47
Chris-Air-2:App47 chris$ git clone git@github.com:App47/milton-ios.git
Cloning into milton-ios...
remote: Counting objects: 387, done.
remote: Compressing objects: 100% (201/201), done.
remote: Total 387 (delta 192), reused 364 (delta 169)
Receiving objects: 100% (387/387), 1.51 MiB | 1.29 MiB/s, done.
Resolving deltas: 100% (192/192), done.
Chris-Air-2:App47 chris$ cd milton-ios/
Chris-Air-2:milton-ios chris$ ls
Milton                MiltonTests
Milton.xcodeproj icon.png
```

Milton is a working application with the App47 library already integrated and ready to go. Feel free to explore the App47 Library as well as the App itself.

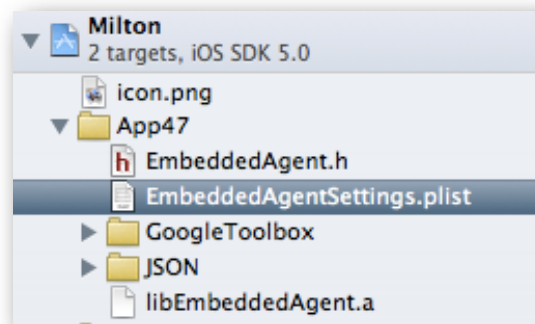
Configure the App ID for your Milton App

The checked in version of Milton contains an App ID we used when testing so you'll need to update this to get your unique App ID. Go back to your dashboard where you created the App and copy the App ID located immediately below the App name.

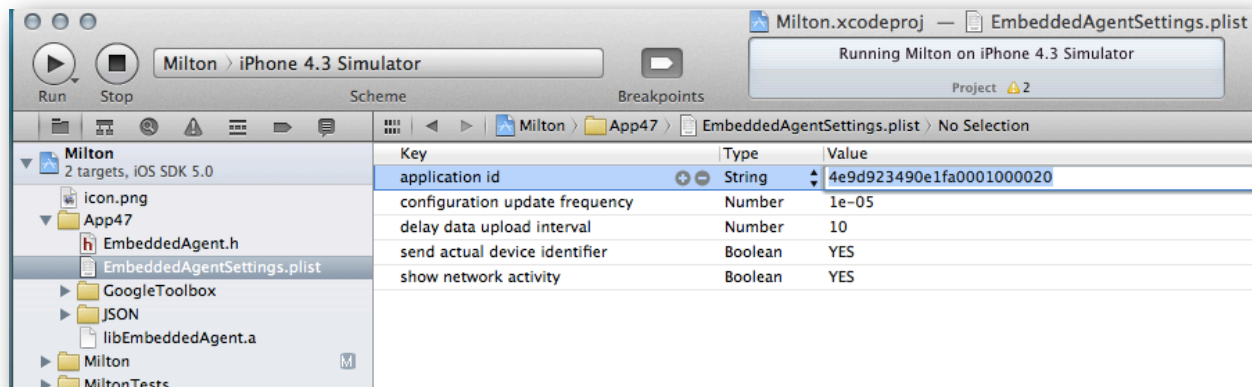


Copy this ID to your copy/paste buffer.

Next, open the Xcode project downloaded in the previous step and locate the “EmbeddedAgentSettings.plist” file.



Modify the “application id” parameter with the ID from your dashboard.



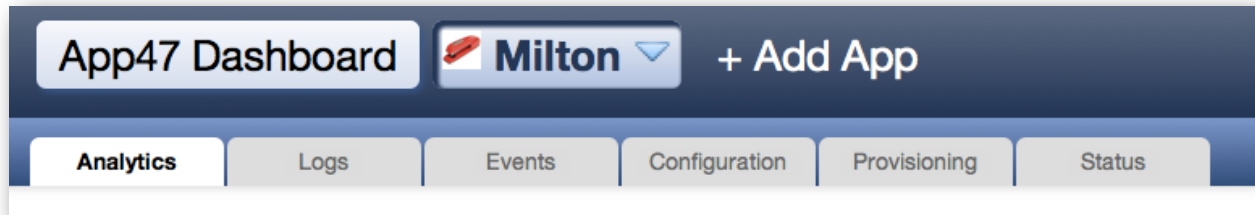
You should be all set. Feel free to run the App and explore the code base to learn how to get the most out of App47.

Create the Configuration Groups to see the real power of App47 (Optional)

App47 is much more than an analytical engine. It can also drive the configuration of your application after deployment. You can use configuration to define what backend end server to talk to for information, turn ad servers on or off, and download audio, video or html files for updating your application. In the Milton application we have set the configuration

parameter to modify the number of Tabs and the RSS feed each tab shows. To accomplish this, you'll need to setup at least three configuration groups within your App47 account and an additional one for each RSS feed you want to display.

From the Dashboard, click on the Milton icon to view the App tabs.



Click on the "Configuration" tab.

Configuration group 1, UI Configuration

Click on the "New configuration group" link and fill in the information:

 The screenshot shows the 'Edit configuration group' form. At the top, the title is 'Edit configuration group'. Below it, the 'Name' field contains 'UI Configuration'. To the right of the name field are checkboxes for 'Active' (checked) and 'Version: 5'. Below the name field is a table with three columns: 'Key', 'Type', and 'Value'. The first row has 'Tab listing' in the 'Key' column, 'String' in the 'Type' column, and 'Tabs' in the 'Value' column. There is a '+ Add row' link below the table and a 'Remove' link to the right of the table. Below the table, there is a section 'Applies to instances of Apps that match:' with two rows. The first row has a checked checkbox for 'App version', a 'Greater than' dropdown, and a text field containing '1.0'. The second row has an unchecked checkbox for 'Os version', an 'Equal to' dropdown, and an empty text field. Below this is a 'Platform' section with two checkboxes: 'iOS' (checked) and 'Android' (unchecked). At the bottom are three buttons: 'Cancel', 'Delete', and 'Save'.

Description: This group is the starting point of the UI configuration. Today it only has one value, the 'Tab Listing' key, but in the future it may contain other UI configuration parameters we may want to adjust. The list of key/value pairs should be:

Key	Value	Description
Tab listing	Tabs	The name of the group that contains the list of tabs to show in the Milton UI.

Click "Save".

Configuration group 2, Tabs

Click on the “New configuration group” link and fill in the information:

The screenshot shows the 'Edit configuration group' interface. At the top, the title is 'Edit configuration group'. Below it, the 'Name' field contains 'Tabs', and there is a checked 'Active' checkbox and 'Version: 53'. A table lists three configuration items:

Key	Type	Value
1	String	ESPN
2	String	App47
3	String	USA Today

Each row has a 'Remove' link to its right. Below the table is a '+ Add row' link. Underneath, there is a section 'Applies to instances of Apps that match:' with two options: 'App version' (checked) with a 'Greater than' dropdown and a '1.0' input field, and 'Os version' (unchecked) with an 'Equal to' dropdown and an empty input field. At the bottom, the 'Platform' section has checked 'iOS' and unchecked 'Android' checkboxes.

Description: The name of this group needs to match the value in the previous table for the 'Tab listing' key. In our example, it is "Tabs." This group has a list of tabs to display in Milton along with their order. The order is the key value and the value is name of the corresponding group for the tab. The list of key/value pairs should be:

Key	Value	Description
1	App47	The key is the order and the value is the name of the configuration that contains the information for this tab in the Milton UI.

Click “Save”.

Configuration group 3, The first Tab configuration group, App47

Click on the “New configuration group” link and fill in the information:

Edit configuration group

Name

App47

☒ Active
 Version: 18

Key	Type	Value
title	String	App47 Blog
		Remove
image_name	String	cellphone.png
		Remove
url	String	http://www.app47.com/feed/
		Remove

[+ Add row](#)

Applies to instances of Apps that match:

☒ App version
 Greater than
 1.0

☐ Os version
 Equal to

Platform
 ☒ iOS
 ☐ Android

Description: You will need one of these groups for each of the tabs listed in the previous configuration group.

Example configuration group values

Key	Value	Description
title	App47	The title of the tab on the UI
image_name	cellphone.png	The name of the image file located within the project to put on the tab.
url	http://www.app47.com/feed/	The URL to load the Atomic RSS feed.

Click "Save".

Review

You are now ready to use the Milton application in its entirety and utilize App47 to analyze, configure and manage its performance. If you have any questions or concerns, please don't hesitate to contact us at support@app47.com.