

Equinox

Alpha version documentation

Contents

1. Overview
2. Image logging
3. Theming .car files
4. Theming settings icons
5. Planned improvements

Overview

Equinox is a powerful tweak that allows for the theming of .car files, and other parts of iOS 7 that WinterBoard cannot reach. So far, it allows for theming any image found in a .car file, along with those used in settings via the iconCache.artwork file. Future revisions will see support for all other .artwork files that cannot be themed, alongside other non-image-based parts of iOS 7, such as navigation bars and alerts.

In the current alpha version, support for adding Equinox files directly into WinterBoard themes is half written. As a result, a test theme folder is included in the Tests directory in the source code. This theme is set out as below:

Folder structure

```
testingEquinox.theme/  
    Equinox  
        com.apple.calculator/  
        com.apple.mobilephone/  
        com.apple.Preferences/  
            iconCache/  
        com.apple.UIKit/
```

Inside this folder, the folders are to be added as above, where the bundle ID of the app whose .car files you want to theme being the name of each folder. Inside, you'll simply drop in the relevant .png file – more information is given further in this document.

An exception to the rule with the bundle ID is com.apple.Preferences, where inside there is an iconCache folder. This naming convention for .artwork theming applies all, so for Shared@2x.artwork in UIKit, that would be named simply Shared in com.apple.UIKit. Again, further information is provided later.

In addition, there is a folder created on-device that holds other Equinox related things, such as logged images. This is located at

```
/var/mobile/Library/Equinox/
```

Image logging

Since there was no easily used .car extractor available at the time of writing, Equinox allows for the logging of images. If you want to log the images used in a given application, enable Logging in settings (under TestDrive), then kill said application from the multitasking switcher, and open it again. Once opened, the images used will be logged to `/var/mobile/Library/Equinox/LoggedImages/`. Only those images that aren't themed by Equinox will be logged.

To get the names of images, and to see which ones can be themed, simply refer to the logged images for a given application's bundle ID. All the images found for it's .car file will be logged.

Please be aware though that Apple have left many iOS 6 images in .car files, so you will need to check whether it's actually an iOS 6 image you're theming. That being said though, this can be beneficial as it'll allow you to have the same interface across both “modern” and iOS 6-themed applications.

Theming .car files

The moment you've been waiting for: how to theme those damn .car files.

To theme a .car-based image:

1. Find the bundle ID of the application or framework that contains the image you want to be themed.

ex.

UIKit contains UITabBarContactsTemplate@2x.png, so the bundle ID here is com.apple.UIKit.

2. Create a folder in your theme under Equinox with the name being that bundle ID.

3. Drop in the .png file you've changed into this folder.

ex.

UITabBarContactsTemplate@2x.png into
<theme>.theme/Equinox/com.apple.UIKit/

4. Tap “Reload caches” under settings, and restart any application via the multitasking switcher using the image to apply it. No need whatsoever for a respring, unless you're changing an image that SpringBoard itself uses.

5. Profit.

Theming settings icons

So far, Equinox allows for theming images found in `iconCache.artwork` without the need for @Jato_BZ's compiling tools – extraction is still necessary for getting the images in the first place, as Equinox doesn't log them. In the future, it'll have support for all `.artwork` files missed out by WinterBoard. Therefore, I'll write this part as a general guide for all `.artwork` files, but keeping the examples for `iconCache`.

1. Find the name of the `.artwork` file to be themed, along with the bundle ID of the application or framework it's found in – look in `Info.plist`.

ex.

`iconCache@2x.artwork` is found in `Preferences.app`, so the name of the `.artwork` will be `iconCache`, and the bundle ID is `com.apple.Preferences`.

2. Create a folder, if necessary, named the bundle ID in `/var/mobile/Library/Equinox/` containing a subfolder named the `.artwork`'s name.

ex.

```
Equinox/  
    com.apple.Preferences/  
        iconCache/
```

3. Using the images extracted from the `.artwork` file by the appropriate tools, drop in images to that subfolder.

ex.

```
iconCache/  
    AirplaneMode@2x.png  
    AppStore@2x.png  
    Music@2x.png
```

4. To apply changes, tap “Reload caches” in settings, then restart the application using that `.artwork` file by first killing it from the multitasking switcher. For `.artwork` files used in SpringBoard, you will need to respring to apply changes.

Planned improvements

1. Support all .artwork files
2. Add support for not needing to use the Equinox in /var/mobile/Library directory at all, and instead have all Equinox files in each WinterBoard theme. (Additional documentation will be released when this occurs)
3. Add ability to theme navigation bars and alerts
4. Further suggestions (?)