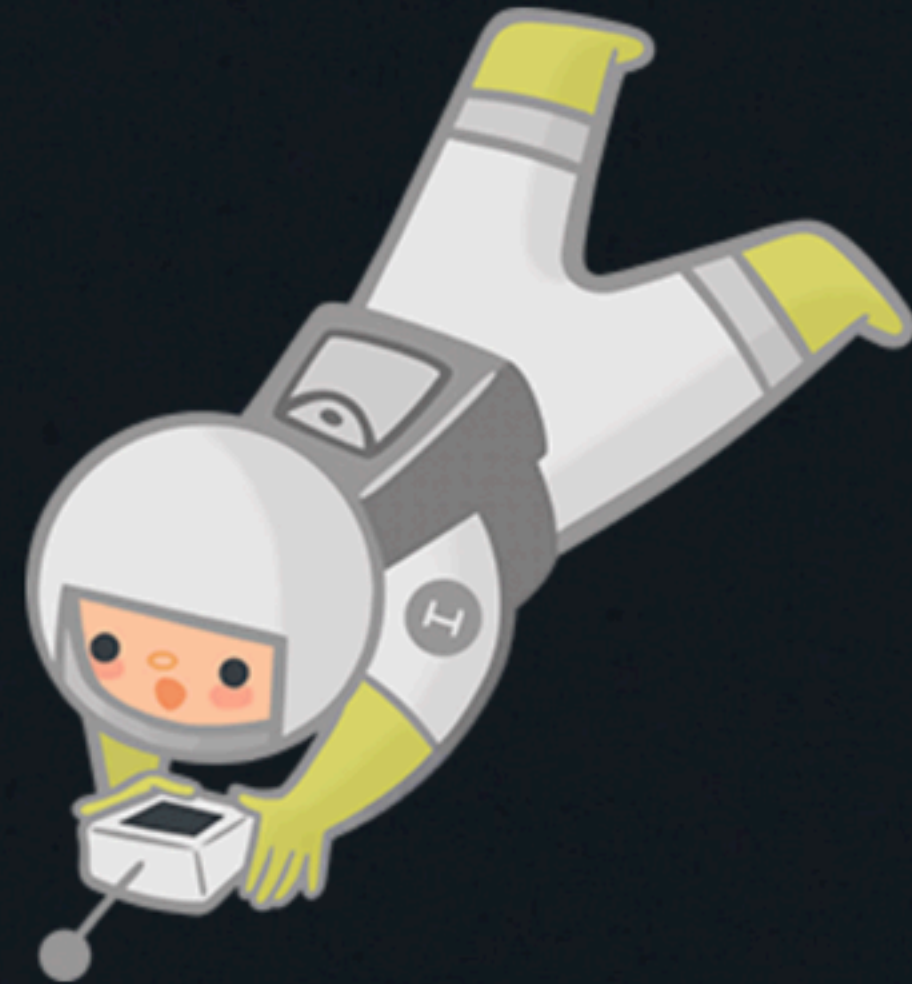# helios

beta

an extensible open-source mobile backend framework

Helios is an open-source framework that provides essential backend services for iOS apps, from data synchronization and push notifications to in-app purchases and passbook integration. It allows developers to get a client-server app up-and-running in just a few minutes, and seamlessly incorporate functionality as necessary.

SETUP

- gem install helios

- APN-enabled .pem certificate

- Provisioning Profile with your device's UDID

- Core Data .xcdatamodeld (optional)

- Passbook, Newstand, IAP receipts (optional)

APP ID

- App description (e.g. "My Push App")
- Bundle ID (e.g. org.codefellows.mypushapp)

CERTIFICATE

- •Create a CSR in Keychain Access

- •Create an APN cert at developer.apple.com

PROVISIONING PROFILE

• Create an iOS App Development profile

• Select App ID (e.g. org.codefellows.mypushapp)

• Select your certificate(s)

• Select device(s)

• Give your profile a name (e.g. MyPushApp_Dev)

• Download profile and double-click to add to your keychain

PREPARE FOR LAUNCH

```
$ openssl pkcs12 -in mypushapp.p12 \

$ -out mypushapp.pem -nodes -clcerts

$ helios new MyPushApp

$ cp mypushapp.pem MyPushApp/

$ cd MyPushApp/

$ helios server
```