

Pebble Development

A Guided Tour

2013 10 06 - HackMIT
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- Four hardware buttons
- Screen 144x168 B&W pixels
- 3 axis accelerometer

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Hacking with Pebble

**Hooking up Pebble
to a computer**

**Controlling Pebble
from a mobile app**

**Building Pebble
apps in C**

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Pebble SDK

libpebble

<https://github.com/Hexxeh/libpebble>

Connect your computer (rpi, etc) to pebble

Send commands to Pebble

Available in Python, Ruby, .NET, etc

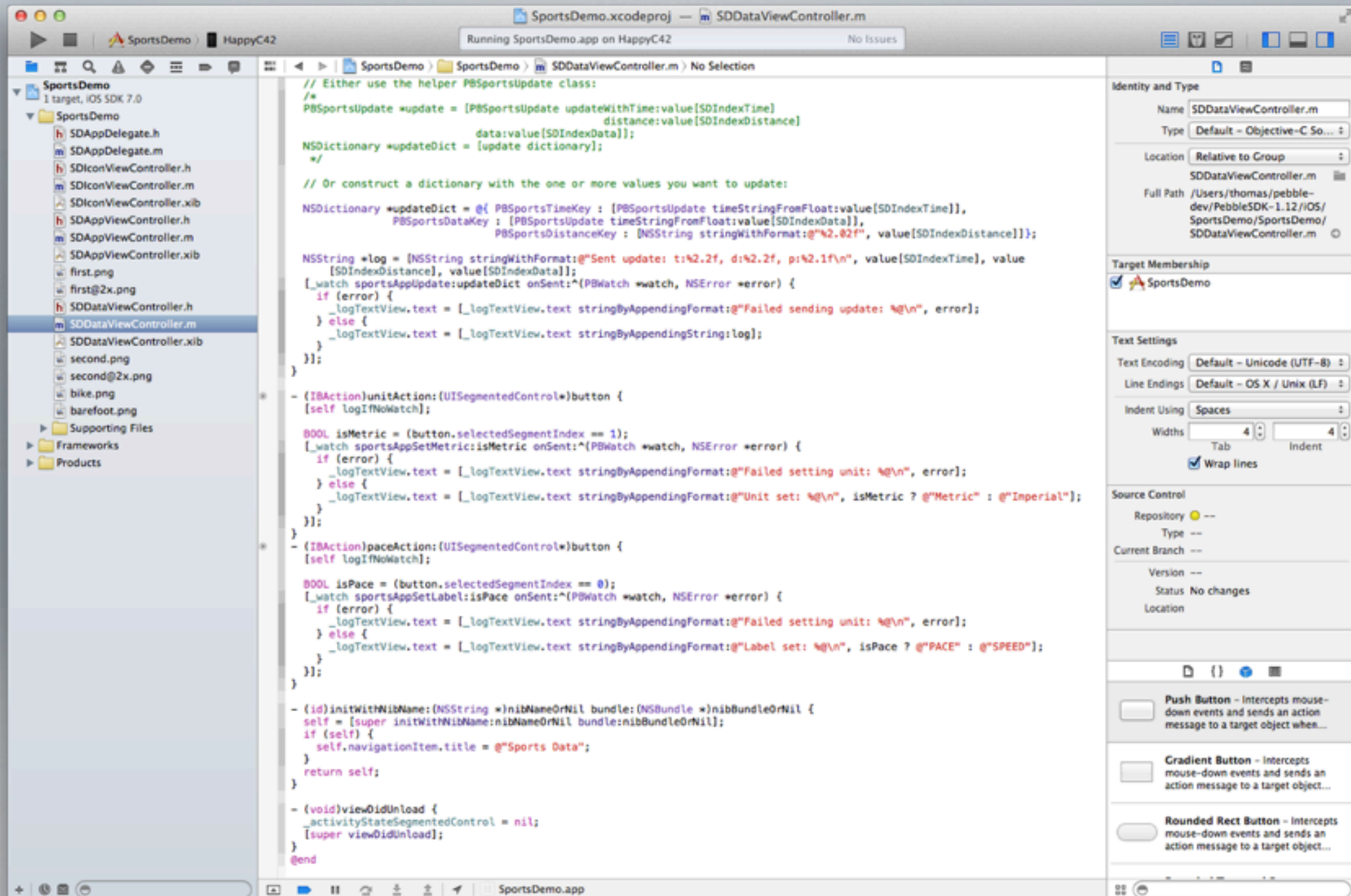
```
$ ./p.py --lightblue --pebble_id 00:18:2F:CF:C9:1C sms "ISS" "ISS in sight"
```



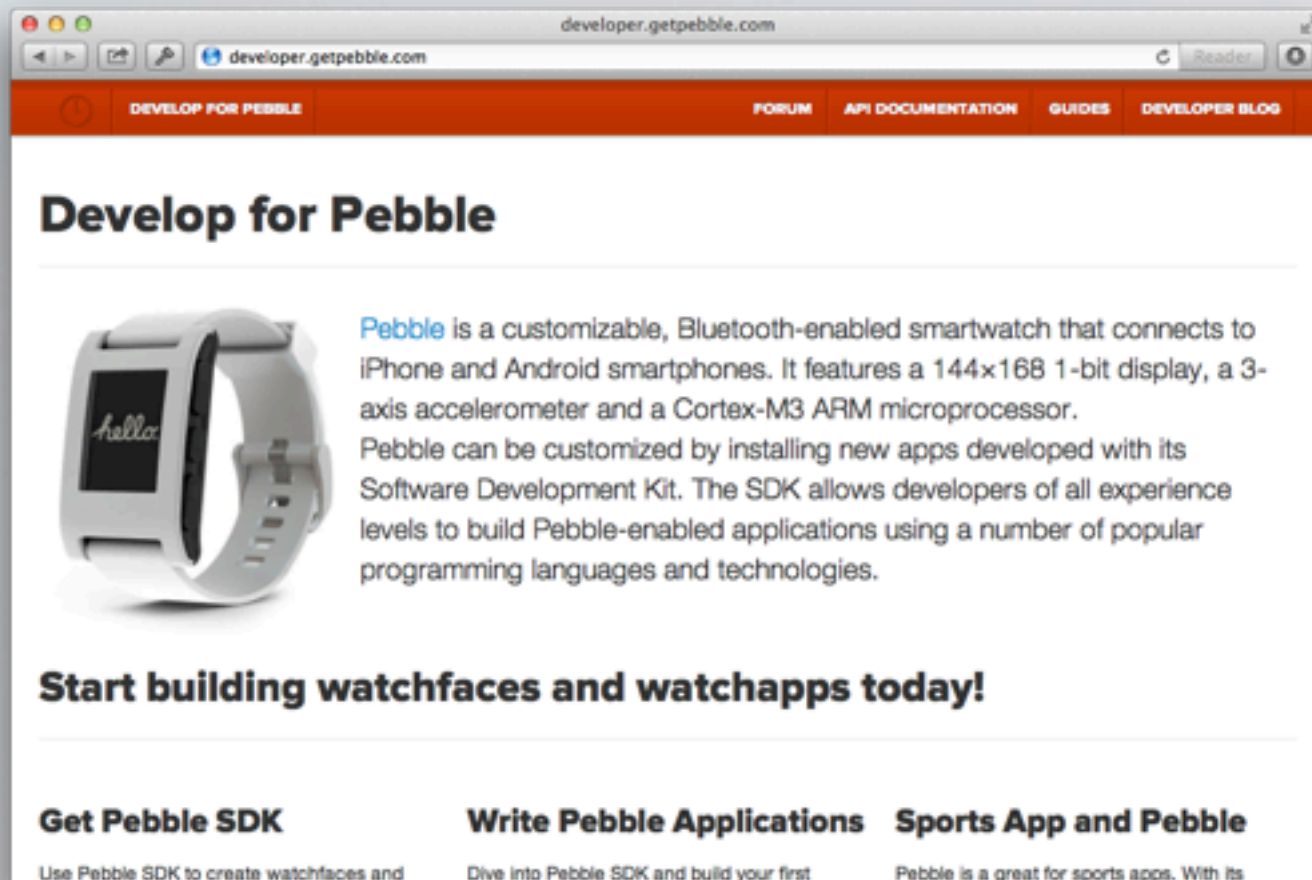
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Sports API

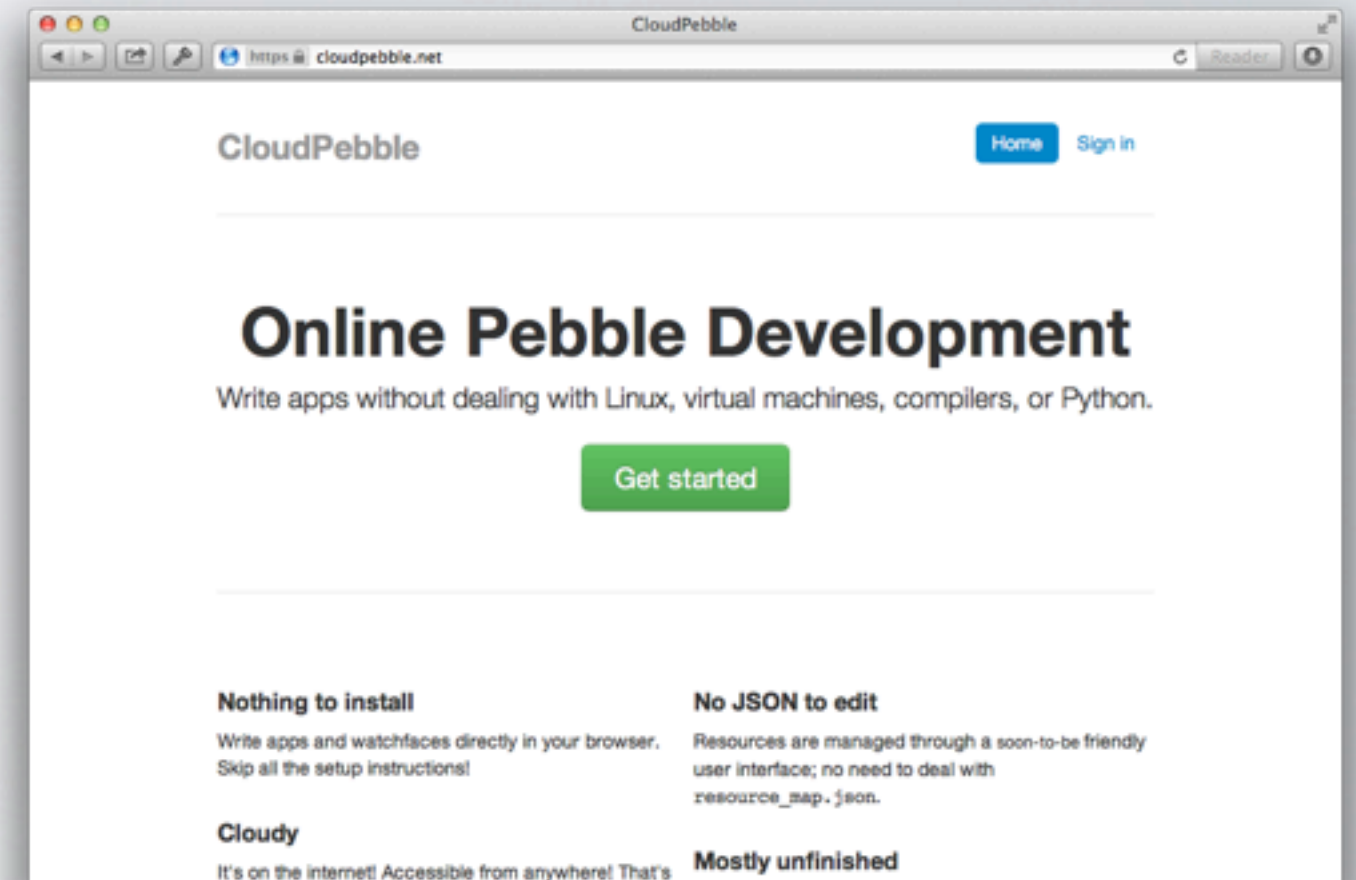




Pebble SDK



Download and install the SDK



Use CloudPebble
by @Katharine

Pebble SDK

Demo: Building a countdown to next ISS Pass



Pebble SDK

Demo: Use httppebble to get the next pass time



<https://github.com/Katharine/httppebble-watch>

QUESTIONS?

@pebbledev

<http://github.com/pebble/hackmit-2013>