Harbinger Systems

Question and Answers

Q: What are the sensors built-in the new PebleTime watch?

Pebble Time includes the following sensors:

- Accelerometer – Can provide raw acceleration data, and can even help detect tap events.

- Magnetometer – This along with accelerometer – helps developers to detect orientation, direction via compass service API in pebble SDK

- Ambient Light Sensor – This is used to manage backlight when in 'auto' mode

Additionally, do note that Pebble include a 'microphone' that can be used to record or detect voice / audio.

Q: Is the Timeline API, available for only PebbleTime app-developers?

The Timeline API is basically like just another web API and can be call from within pebble watch-app or from mobile-app or from server side code as per the need of your application. So essentially, any developer can leverage the Timeline API. UserToken is an essential parameter for Timeline API and this is unique for each user-app combination. If this is available to developer – he / she should be able to invoke Timeline API to push pins (create / delete / edit pins to timeline).

Following libraries are available for Pebble Timeline

- Node Library: https://www.npmjs.com/package/pebble-api

- Ruby Gem Library: https://rubygems.org/gems/pebble_timeline/versions/0.0.1

- Python Library: https://pypi.python.org/pypi/pypebbleapi/0.0.1

- PHP Library: https://github.com/fletchto99/PHPebbleTimeline & https://packagist.org/packages/valorin/pinpusher

- .Net Library: https://github.com/nothingmn/pebble-api-dotnet

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Q: Can I connect my pebble watch with iPhone?

Yes, both the older generation Pebble watch and the newer PebbleTime watch can be connected with iPhone. However, note there are some limitations and many apps are currently available when paired with Android phone.

Q. What are the key differentiators between Apple and Pebble Watch?

- Pebble Watch does not includes the gesture recognition that is very much fascinating thing about AppleWatch
- Pebble Watch navigation is using buttons and sensors / voice input. Apple has touch interface and even includes a crown
- PebbleTime uses e-paper display technology, while Apple Watch has OLED display
- Resolution of PebbleTime is much lower when compared to Apple Watch (180ppi Vs 326ppi)
- PebbleTime has superior water resistance functionality and can handle submersion up to 30m
- PebbleTime is compatible with Android smartphone. Apple watch can only work with iOS
- Force Touch is available on Apple Watch but not on Pebble as it sorely misses touch-screen
- Battery life of PebbleTime is distinguished feature and it can last up to 7 days. Apple Watch battery can last up to 18 hours only
- Apple Watch has many more features like – heart-rate monitor, mobile payments, sound / speaker which is not present on PebbleTime

Lastly fitness apps on Apple Watch are present natively. On PebbleTime it is only via third-party app developers.

Q. In which segments or market do you think pebble watch would be more compelling?

A simple answer to this would be if your customers / users are having a clear mix of both Android and iPhone mobile phones – you need to simply choose pebble as your smartwatch strategy as it works with both mobile phones and you can provide similar functionality to all your customers / users.

In terms of industry or market segment, Pebble seems more compelling in areas like healthcare, automotive, manufacturing verticals especially because these verticals could necessitate different kind of sensors to be attached to smart-watch. And this is very much possible with SmartStrap a

functionality exclusively available with Pebbletime. Smartstraps is an accessory port made available for PebbleTime that allows hardware extensions such as external batteries, sensors, and other circuitry to be added to the watch. Read more about Smartstraps here.

Q. Can you relate Pebble Timeline API with google cloud messaging / push notification platform?

Google Cloud Messaging (GCM) is a messaging platform that developers can use to send messages across platforms: Android, iOS and Chrome. PebbleTime API is not a messaging platform but is a one-way communication from web / mobile apps to PebbleTime watch app in particular. Additionally, every message on Timeline API is time-stamped to a point in time – which is not the case with Google Cloud Messaging. So Timeline essentially is exclusively only for PebbleTime watch and for messages that makes sense along with a context of 'time'.

Q. Will you post the recording or presentation slides of this webinar?

Yes, you can view the recording and presentation slides of the webinar by visiting this link: http://www.harbinger-systems.com/resources/webinar/pebble-time-twilio-and-the-importance-of-voice-communication

If you have any further questions or would like more details about the webinar and our services or would like to get notified about our next webinar, please let us know at: hsplinfo@harbingergroup.com

We look forward to interacting with you!

Team Harbinger

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