IoT under iOS control

Communicate with your house

What is ?

Accessories to talk to each other

You can control them

Even with voice commands

Home app in iOS 10

What do you need?

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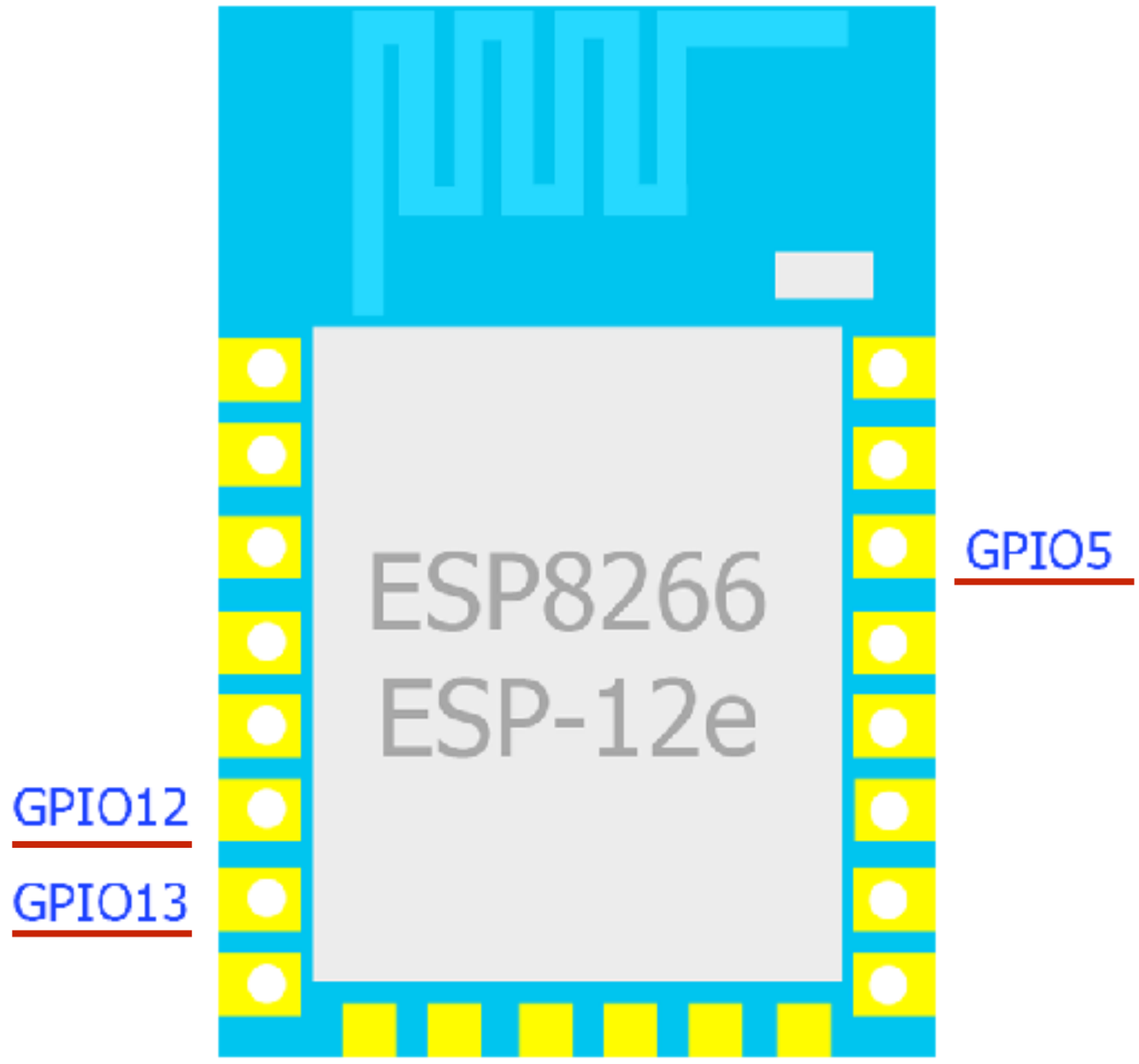
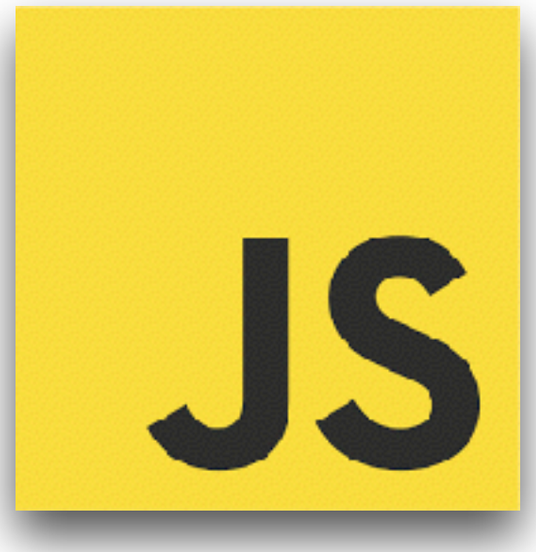
Setup your device

Arduino studio IDE (https://www.arduino.cc/en/Main/Software)

ESP8266 - micro-controller with Wifi Interface($2.5)


ESP8266
ESP-12e
GPIO5
GPIO12
GPIO13



VS.

VS.

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Third party libraries

HAP-Java (https://github.com/beowulfe/HAP-Java)

HC-Go(https://github.com/brutella/hc)

OpenHAB-Javascript(https://github.com/htreu/OpenHAB-HomeKit-Bridge)

Implementing HomeKit in your own application

HMHome

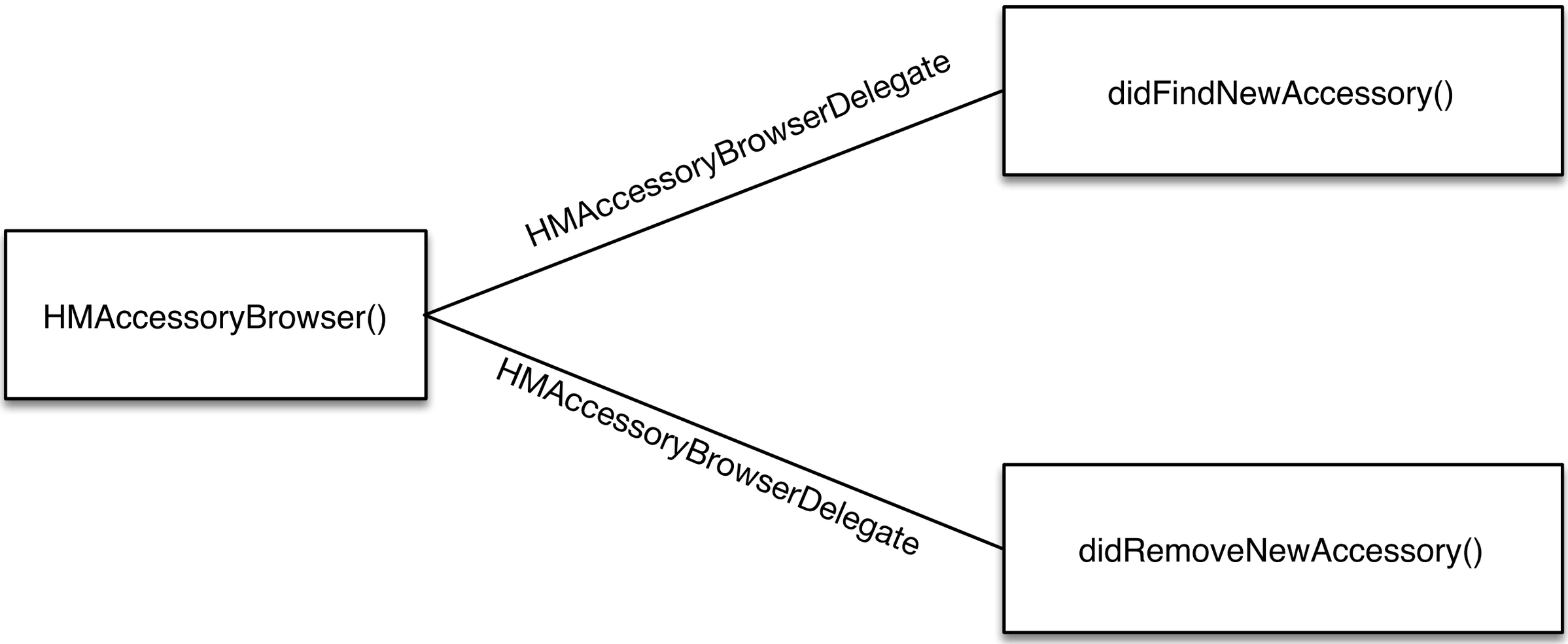
HMRoom

HMAccessory

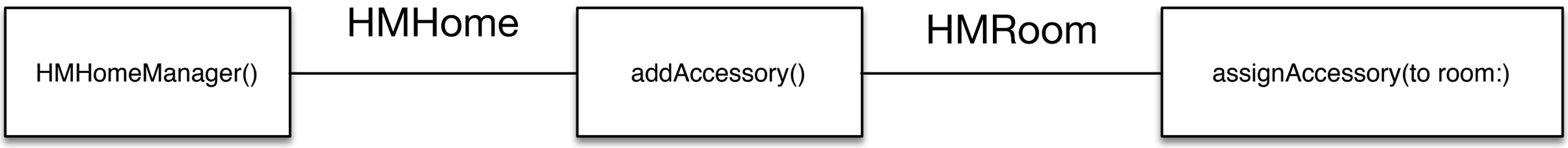
HMService

HMCharacteristic

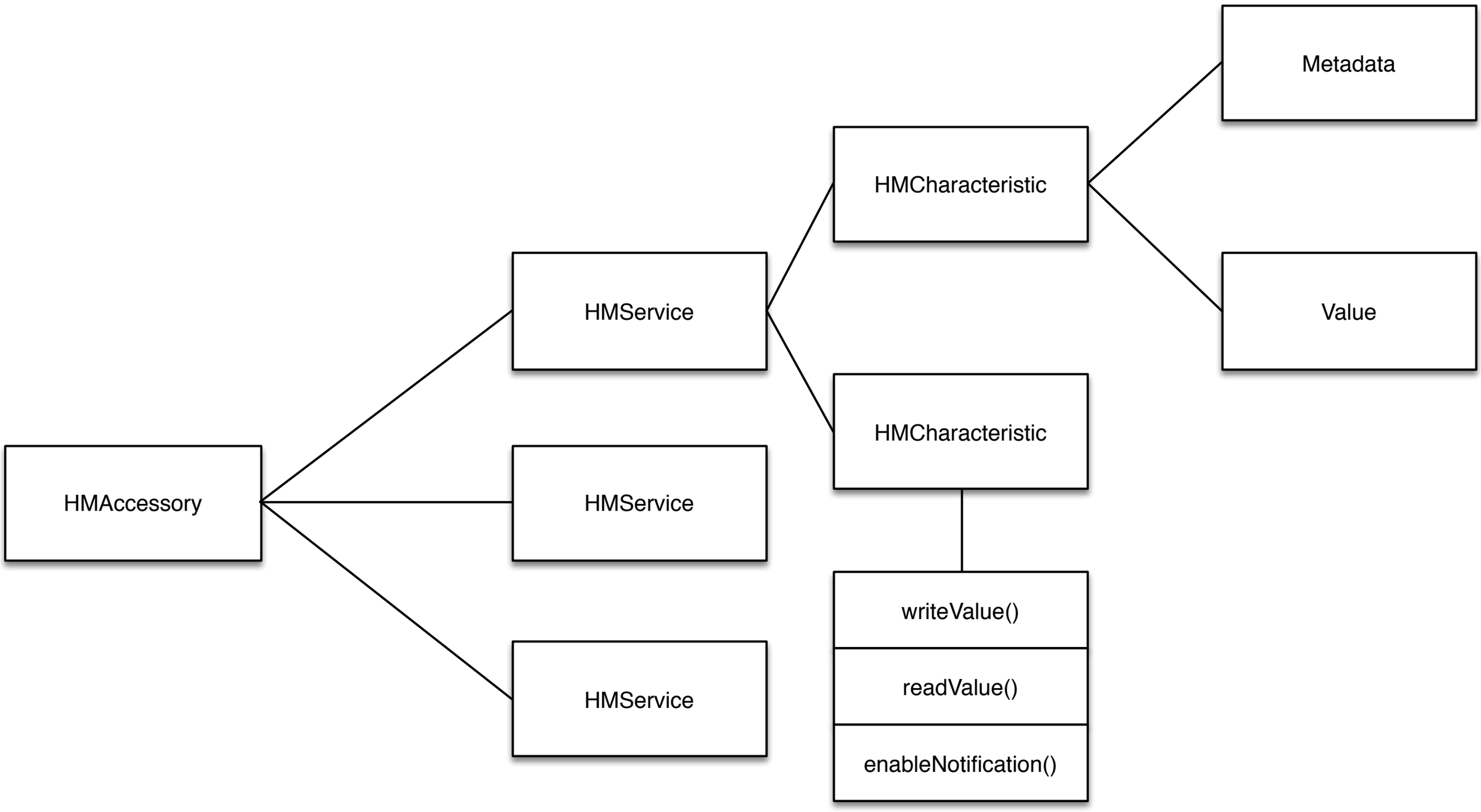
Discover


HMAccessoryBrowserDelegate
didFindNewAccessory()
HMAccessoryBrowser()
HMAccessoryBrowserDelegate
didRemoveNewAccessory()

Add Accessory



HMAccessory



MFI program?

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Questions?

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