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Android Things

Android Things (codenamed **Brillo**) is an Android-based embedded operating system platform by Google, announced at Google I/O 2015. It is aimed to be used with low-power and memory constrained Internet of Things (IoT) devices, which are usually built from different MCU platforms.[1][2] As an IoT OS it is designed to work as low as 32–64 MB of RAM.[3] It will support Bluetooth Low Energy and Wi-Fi.[4] Along with Brillo, Google also introduced the Weave protocol, which these devices will use to communicate with other devices and which it hopes will be adopted by other IoT operating systems.[5] Every Android device can automatically recognize any Brillo OS or Weave API based device. Users can choose a device, set it up and use it immediately.[6]

Android Things	
Official website	developer.android.com/things/index.html (https://developer.android.com/things/index.html)

References

1. Google developing "Brillo" Internet of Things OS based on Android (https://arstechnica.com/gadgets/2015/05/google-developing-brillo-internet-of-things-os-based-on-android/)
2. Project Brillo is Google's new Internet of Things OS (http://www.androidauthority.com/project-brillo-google-io-612159/)
3. Google Brillo – An Internet Of Things OS That Runs on 32 MB RAM (http://trak.in/tags/business/2015/05/23/google-brillo-internet-of-things-operating-system/)
4. Google announces Brillo, an operating system for the Internet of Things (https://www.theverge.com/2015/5/28/8677119/google-project-brillo-iot-google-io-2015)
5. "Google's new "Android Things" OS hopes to solve awful IoT security" (https://arstechnica.com/gadgets/2016/12/google-brillo-rebrands-as-android-things-googles-internet-of-things-os/). *Ars Technica*. Retrieved 13 December 2016.
6. MOCAP: Towards the Semantic Web of Things (http://ceur-ws.org/Vol-1481/paper20.pdf)

External links

- Official website (https://developer.android.com/things/index.html)

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