IoT2x 3.2 IoT Operating Systems

Operating System	Open/closed source (commercial)	Notes
Riot OS	Open source	Can run on variety of platforms, easy to use API, efficient use of power (Froehlich 2016)
Windows for IoT	Closed source	3 subset OS (for IoT Mobile (supporting ARM), for IoT Core (Raspberry Pi and Intel Atom,) for IoT Enterprise (Froehlich 2016)
WindRiver Vx Works	Closed source	Robust and highly scalable, high number of security features (Froehlich 2016)
Google Brillo	Closed source	Uses Weave communication protocol. (Froehlich 2016)
ARMmbed	Closed source	For ARM architecture, Single threaded for running on smallest and lowest powered devices (Froehlich 2016)
Embedded Apple iOS & OS X	Closed source	For Apples IoT devices, HomeKit for app creation for home automation devices (Froehlich 2016)
Mentor Graphics Nucleus RTOS	Closed source	Robust support for various embedded architectures (Froehlich 2016)
Green Hills Integrity	Closed source	Known for performance, security and reliability (Froehlich 2016)

IoT2x 3.2 IoT Operating Systems

Operating System	Open/closed source (commercial)	Notes
TinyOS	Open source	Designed for low power wireless devices
Contiki	Open source	Connects tiny low-cost, low-power microcontrollers to the Internet
Raspbian	Open source	Designed for Raspberry Pi, based on Debian
Freescale MQX		
Apache Mynewt		
Android Things		
Particle		
Ubuntu IoT		