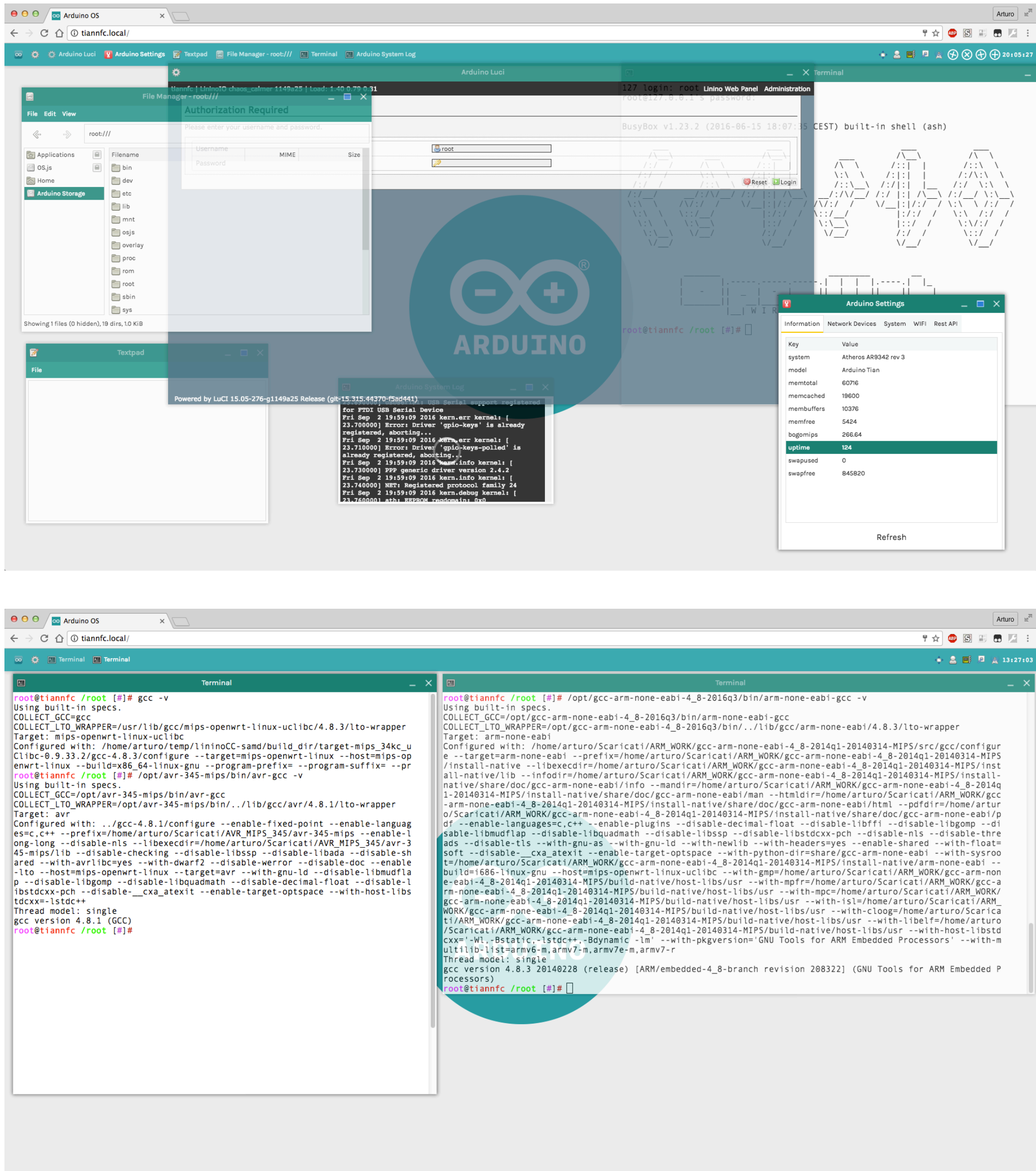## LininoOS, LininoIO and ArduinoOS : A suitable ecosystem for Linux and MCUs

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What is demonstrated

What was improved

- Based on OS.js platform
- Based on OpenWRT 15.05
- Linux Kernel 3.18.11
- SSH web terminal based on **shellinabox**
- File Manager
- Quick settings panel
- Web **LuCI** configurator as standalone application
- Basic desktop utilities
- Arduino Settings panel
- Native toolchain of compilers : plain, AVR and ARM relying on uClibc (canadian-cross)
- Full range of unix productivity packages available on our repositories

Hardware Information

- Atheros 9331/9334, 64MB Ram, microSD card Slot, internal 4GB flash memory
- Wireless B/G/N, Bluetooth
- AVR or ARM microcontroller

Source code or detail technical information availability

- https://github.com/arduino-org
- https://github.com/linino/linino_distro