

Lecture 15 (Embedded OS)

1 Examples

1. ContiKi OS
2. CoCoX CoOS
3. TinyOS
4. FreeRTOS

2 Embedded OS Specs

1. Subset of OS principles, dictated by application
2. Hardware abstraction
 - block storage vs fs
 - architecture
3. Resource management
 - process isolation
 - job control

3 Example: USB Auth Key