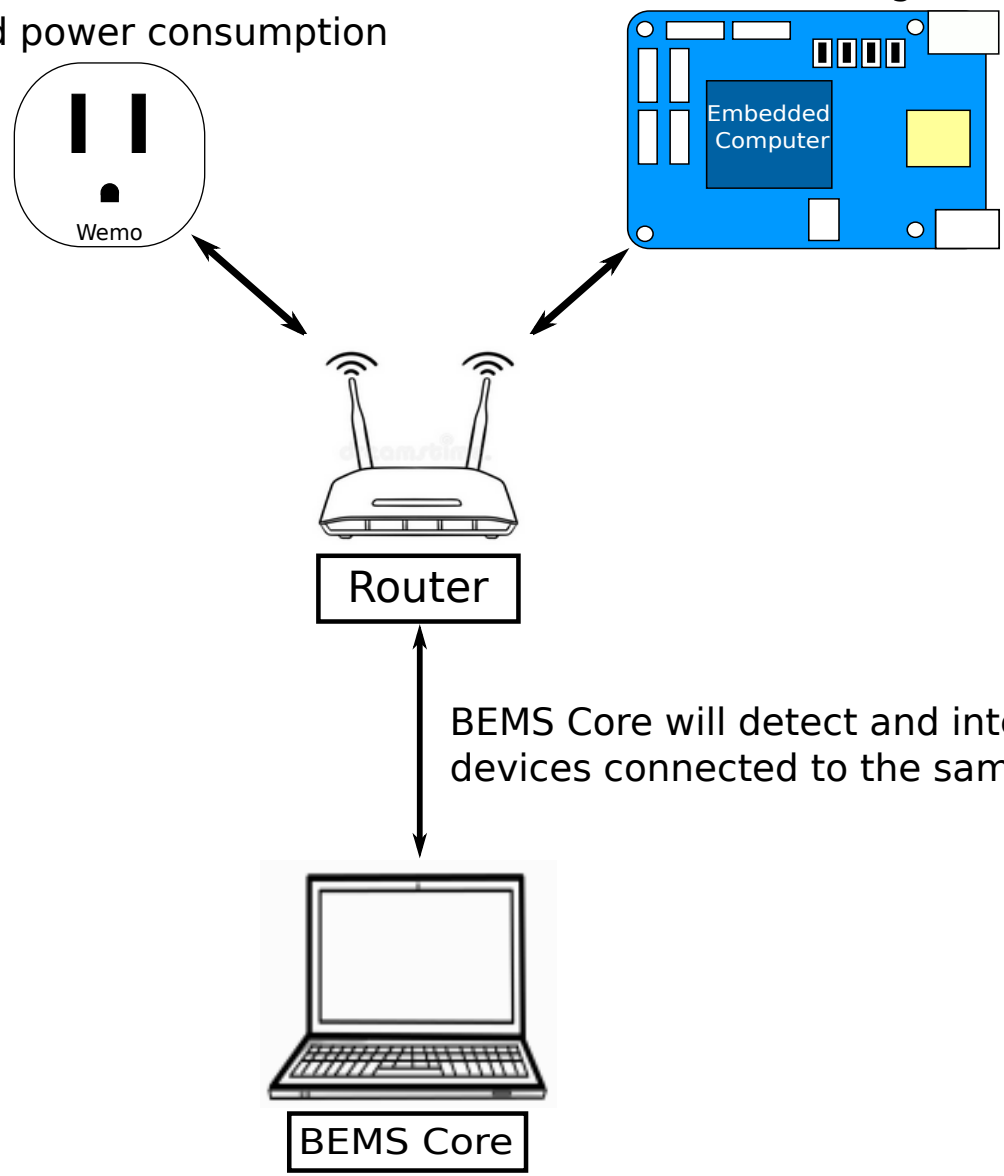BEMS Core will send commands to WeMo Switch to shut down or turn on. BEMS Core can also ask for current status and power consumption

The embedded computer has files on it to be controlled by the BEMS Core through the router

Wemo

Embedded Computer

Router

BEMS Core will detect and interact with devices connected to the same router

BEMS Core

BEMS Core is running on a laptop with a Linux-based OS