

# Software Architecture Overview

github repo: <https://github.com/abusous2000/MP3PlayerUsingSTM32F7AndChibiOS>

The **BEST** design if the queue is a blocking priority queue (not yet implemented), and the AEs are pulled out based on a user defined priority, and later executed by Worker Executor Thread Pool that blocks on this priority queue. In the Java domain, this pattern has been implemented in Spring Integration and Camel frameworks; please consult online documentation for more details about this pattern.

**WifiModule ESP8266**  
Runs simple C++ based  
RESTful web service, server &  
configured via Arduino IDE

