

# Wi-Fi firmware for ESP32

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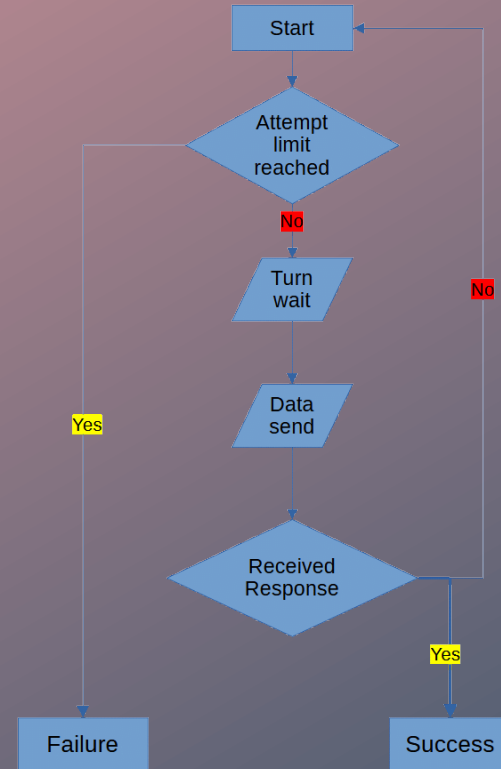
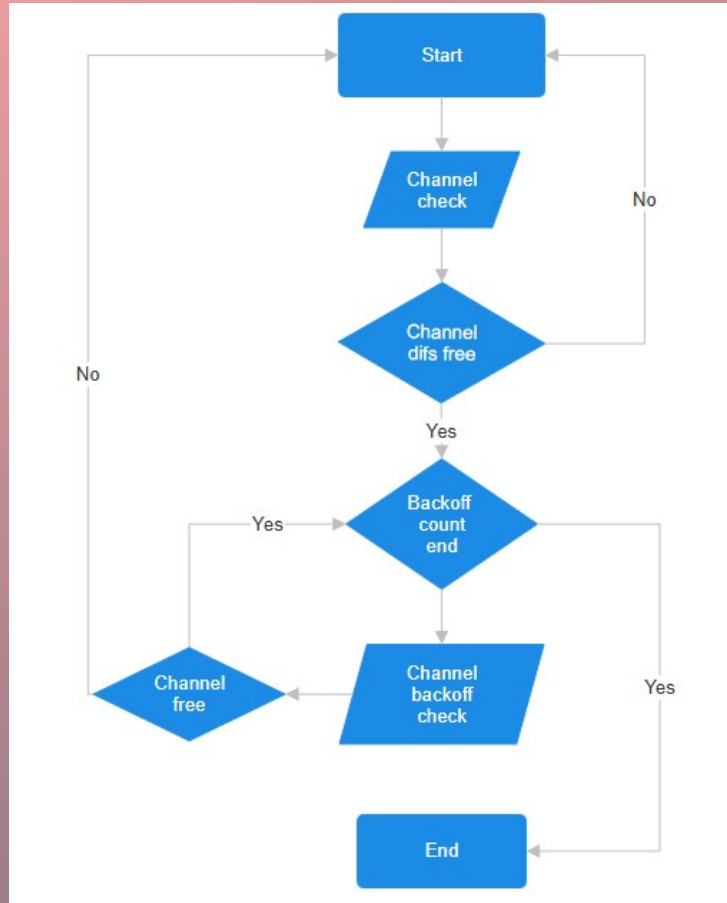
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# Traffic Generator

The base of this model consists of two parts, the configurable time wait between the transmission of the packets, and the function `sendData` given as a parameter, which should already act in accordance with csma/ca, created with the help of the other modules in this project. Considering the function given is a responsibility of the rest of the code, this class is already fully functional, containing methods to stop and start this module at will, and supports configurable wait times.

# CSMA



# Issues

- Unpredictable crashes: Possibly more than one cause – could be our use of the radio and the timing, and/or a bug the radio firmware.

# What Is Next

- RTS/CTS
- Network Allocation Vector (NAV)
- Configuration Application
- Improvements to current infrastructure and solve crashes