

# A Brief Architectural Overview to *xsupplicant*

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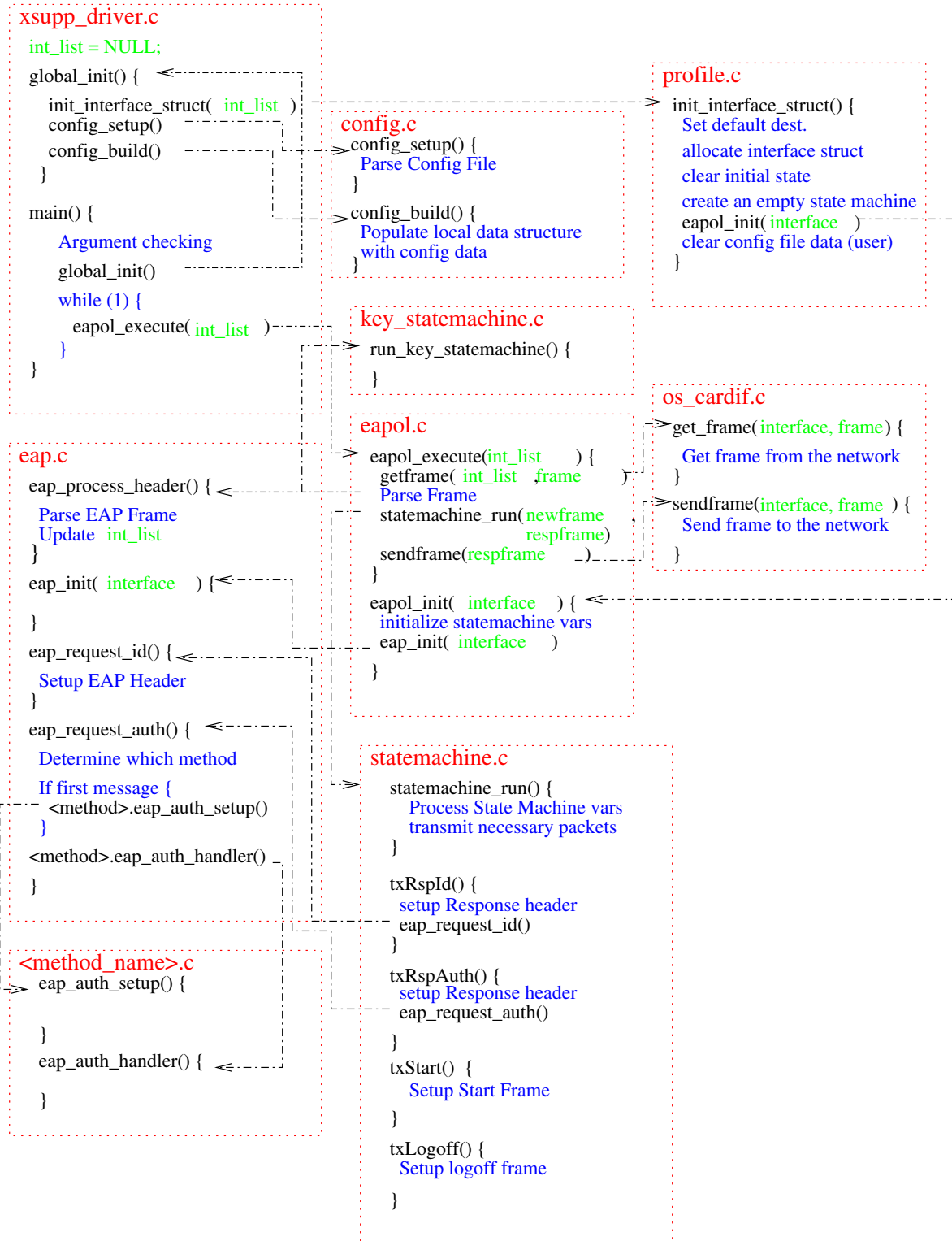
## 1 Introduction

This document serves as an overview of the code structure of *xsupplicant*. It's intended purpose is to agree on a model to code to such that future bug fixes, features, and other updates can be discussed in a more structured manner. This document, like *xsupplicant*, is a work in progress.

## 2 Current Code Flow

The diagram below attempts to capture the current flow of information through the *xsupplicant* code. Note that this assumes normal operation. Error conditions are outside the scope of this section, unless explicitly stated. The following notation is used below:

- **File names** are in **red**.
- Function names are in black.
- **Pseudocode** is in **blue**.
- **Data** is in **green**.



### 3 Data Structures

This section provides an overview to the various data structures used in xsupplicant. This is an overview, but is not guaranteed to be in sync with the latest code. Do not rely on this document for coding, just for

an overview of how things are structured.