

CAN_Link

```
classDiagram
    class CAN_Link
    class Protocol
    class State_Machine
    class Timestamper
    class WiFi
    class Logger

    CAN_Link <--> Protocol
    State_Machine --> Protocol
    State_Machine --> WiFi
    Timestamper --> WiFi
    Timestamper --> Logger
    State_Machine --> Logger
```

The diagram illustrates the following components and their interactions:

- CAN_Link**: A class with three compartments (name, attributes, methods).
- Protocol**: A class with three compartments.
- State_Machine**: A class with three compartments.
- Timestamper**: A class with three compartments.
- WiFi**: A class with three compartments.
- Logger**: A class with three compartments.

The relationships are as follows:

- CAN_Link** and **Protocol** are connected by a bidirectional arrow, indicating mutual communication.
- State_Machine** has a directed association to **Protocol** (arrow pointing to Protocol).
- State_Machine** has a directed association to **WiFi** (arrow pointing to WiFi).
- Timestamper** has a directed association to **WiFi** (arrow pointing to WiFi).
- Timestamper** has a directed association to **Logger** (arrow pointing to Logger).
- State_Machine** has a directed association to **Logger** (arrow pointing to Logger).

Protocol

State_Machine

Timestamper

WiFi

Logger