Low Level Binding generation from OpenXC Signal Description

- OPENXC Signal Description (JSON)
- CALL for decode/encode
- CAN Decoding/Encoding C Code (vendor)
- Optional Message Handlers (vendor)
- Low Level Binding Static Code (AGL)
- C/C++ Compiler
- CAN Low Level Binding (Shared Library)
CAN Low Level Binding(s)
- Decoding / Encoding
- Authentication / Crypto / Firewalling
- Transaction (set... ack ...)
- Stats & Maths
- Caching (low freq. Signals, get() call)
- Debug

CAN High Level Binding(s)
- Logic
- Aggregation (« vehicle.doors.any.open »)
- Advanced Ops

Signals - « vehicle.doors.left.open »
(Binder Events)

CAN frames: 011010010
App Framework API Access Transparency

Security Context

UI

Binder

CAN API

XXXXX API

Transport Layer

Cynara Security Check

Security Context

Binder

CAN High Level Binding(s)

CAN Low Level Binding(s)