IoT Smart Card Sequence Diagram

CORE/

INTERFACES/

- BIOSC
- APDU Handler
- Subroutines
- MULTOS reimplemented C-API
- SC Status Serialization
- APDU I/O
- Modular Arithmetic

read_sc_status(json_file)

OpenTCPSocket(listening_port)

loop [Listen on Socket for APDU Commands]

handle_APDU(apdu_command_bytes)

parse_APDU_bytes(apdu_command_bytes)

[CLA INS P1 P2 Lc Payload Le ISO_Case]

handle_INS(INS_byte)

> Example use of Subroutines, MULTOS API and Interfaces.

aux_function() *

multos_func() *

some_function() *

> **Always** call mExit to end the APDU handling like in a MULTOS s.c.

mExit()

save_sc_status()

> Save the new status of the smart card before sending the APDU Response.

output_APDU_Response()

> Sends APDU Response bytes through the socket.