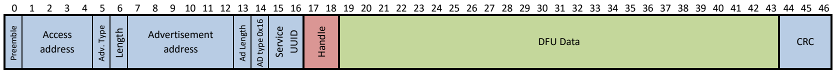
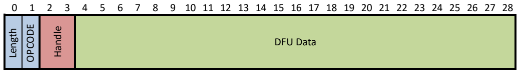
Mesh packet



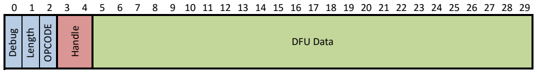
All fields are little endian.

Serial command packet



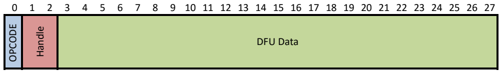
Length = dfu-packet length + 1

Serial event packet

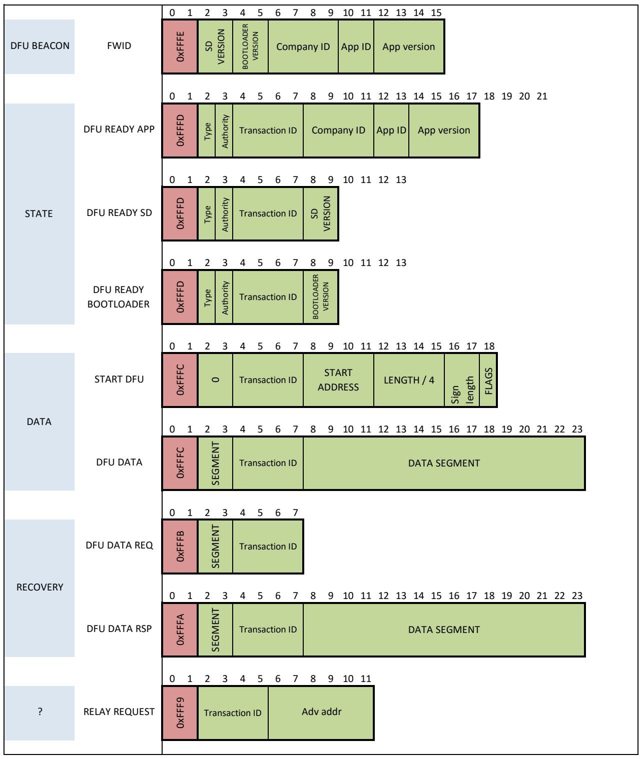


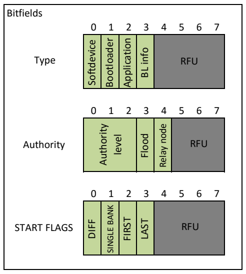
Debug = 0, Length = dfu-packet length + 1

GATT Mesh characteristic transfer



Length is given as part of the GATT write metadata, OPCODE = 0x00





- Flags: all are currently ignored.
- Transaction ID is a completely random 32bit number
- Flood field: indicate whether the transmission should be relayed inconditionally
- Relay node field: true if the device only participates passively, but don't flash the content
- If start address is not 16byte-aligned, the first data packet contains (16 - (START_ADDR & 0x0F)) bytes, making the second packet 16byte-aligned, ie the first packet fills the rest of the first 16byte segment.

Segment address offset: SEG 1 = START ADDR, SEG N > 1 = (START ADDR + 16 * (i-1)) & 0xFFFFFFF0