#define TYPE\_DISCOVER 1

#define TYPE\_PLUG\_LIST 2

#define TYPE\_SWITCH\_ON 3

#define TYPE\_SWITCH\_OFF 4

#define TYPE\_STATUS\_CHANGED 5

#define TYPE\_STATUS\_ON 6

#define TYPE\_STATUS\_OFF 7

DISCOVER:

|  |  |  |
| --- | --- | --- |
| Type | Length | Description |
| Unsigned Byte (uint8 t) | 1 byte | Type |

PLUG\_LIST:

|  |  |  |
| --- | --- | --- |
| Type | Length | Description |
| Unsigned Byte (uint8 t) | 1 byte | Type |
| Unsigned Byte (uint8 t) | 1 byte | Number of plugs |
| PLUG | variable | Plug information |

PLUG:

|  |  |  |
| --- | --- | --- |
| Type | Length | Description |
| Unsigned Byte (uint8 t) | 1 byte | Plug ID |
| Unsigned Byte (uint8 t) | 1 byte | Status |
| Unsigned Byte (uint8 t) | 1 byte | Length of name |
| String (char[], UTF-8) | variable | Name |

ACTION:

|  |  |  |
| --- | --- | --- |
| Type | Length | Description |
| Unsigned Byte (uint8 t) | 1 byte | Type |
| Unsigned Byte (uint8 t) | 1 byte | Plug ID |

STATUS\_CHANGED:

|  |  |  |
| --- | --- | --- |
| Type | Length | Description |
| Unsigned Byte (uint8 t) | 1 byte | Type |
| Unsigned Byte (uint8 t) | 1 byte | Plug ID |
| Unsigned Byte (uint8 t) | 1 byte | Status |