

```
1 seq:
2   - id: record
3     type: srecord
4     repeat: eos
5
6 enums:
7   record_type:
8     S0: header
9     S1: address16
10    S2: address24
11    S3: address32
12
13 types:
14   srecord:
15     seq:
16       - id: src_type
17         type: str
18         size: 2
```

```
19 encoding: UTF-8
20 enum: record_type
21
22 - id: count
23   type: u2
24
25 - id: src_header
26   type: u4
27   if: src_type == S0
28 - id: src_address16
29   type: u4
30   if: src_type == S1
31 - id: src_address24
32   type: u6
33   if: src_type == S2
34 - id: src_address32
35   type: u8
36   if: src_type == S3
```

```
37
38 - id: data
39   type: int
40   size: count - 8 - 22
41
42 - id: checksum
43   type: int
44   size: u2
45
46 - id: terminator
47   type: str
48   size: 2
49   encoding: UTF-8
```