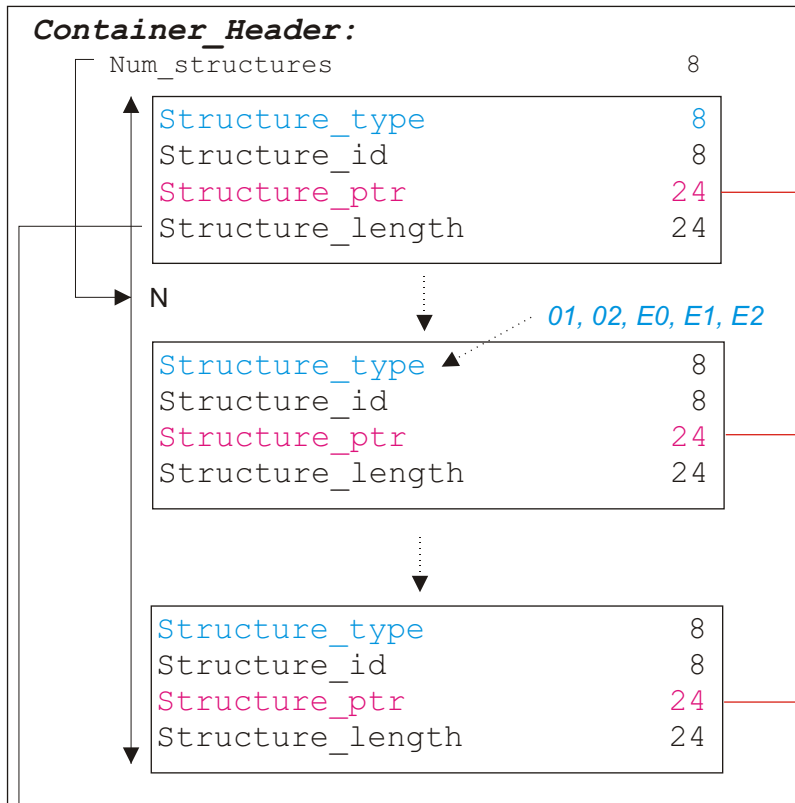
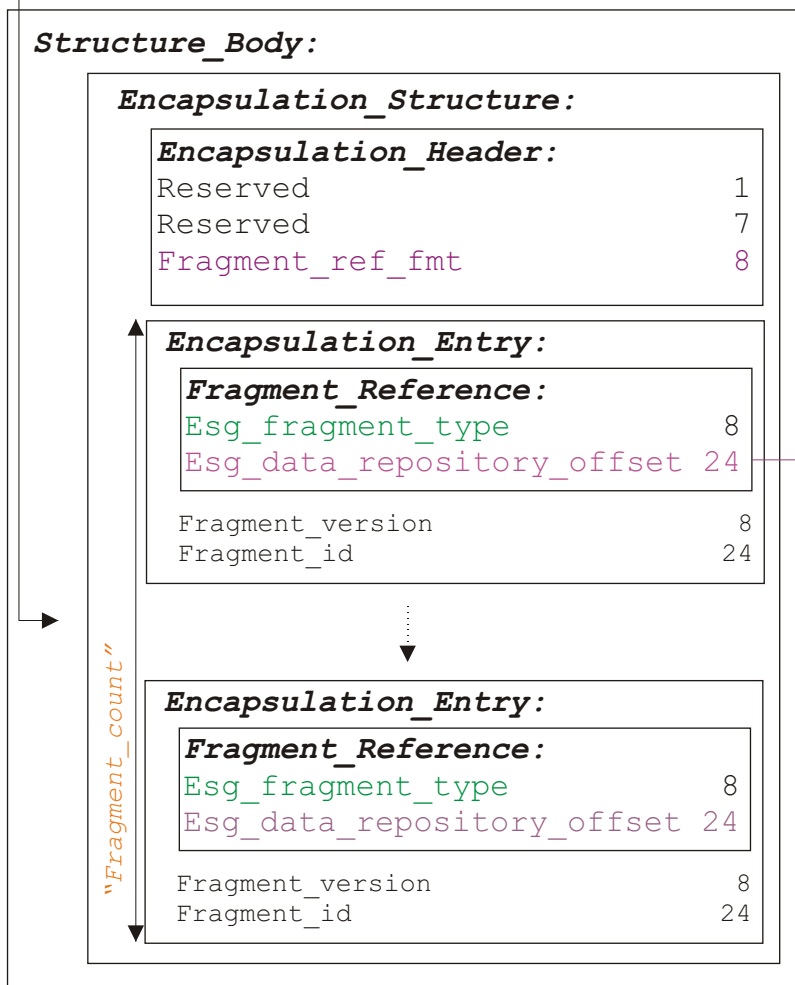


DVB-H ESG Fragmentation

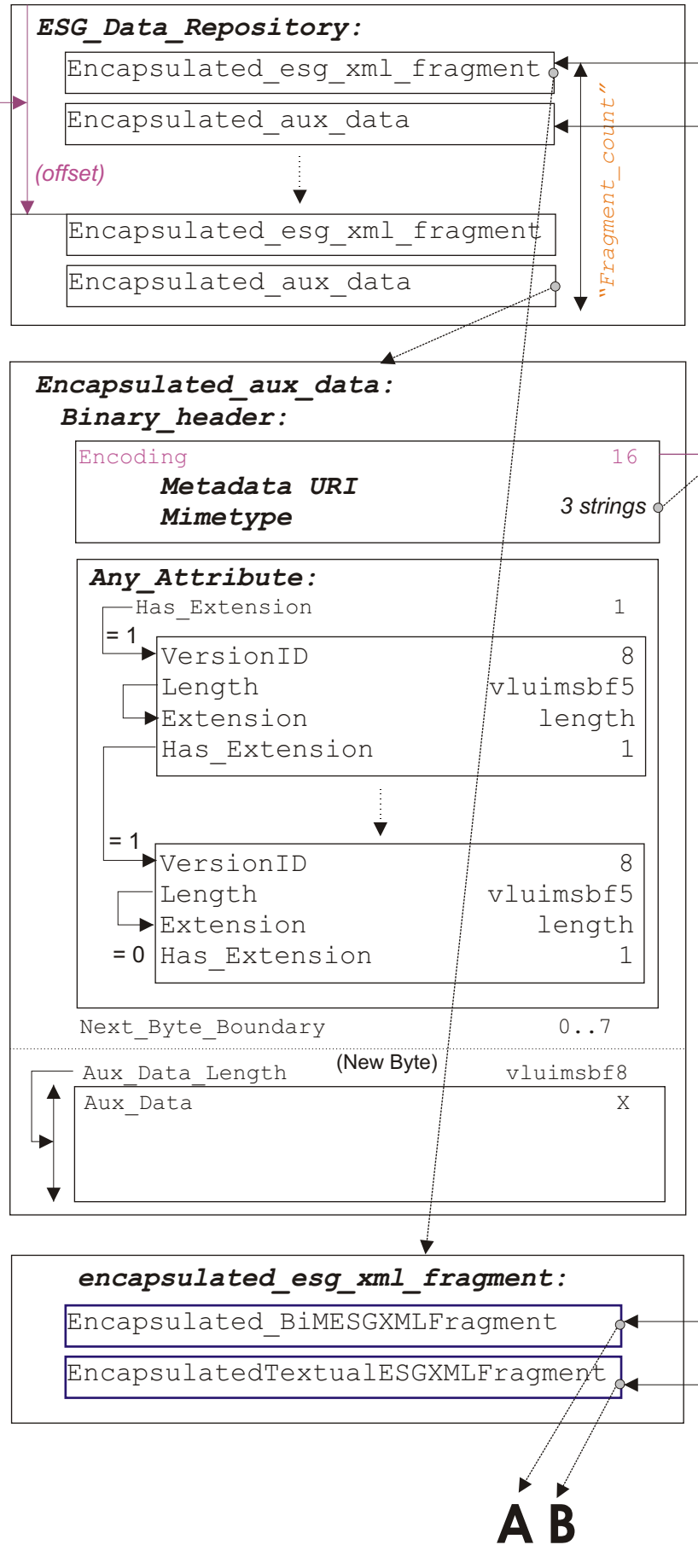
Container:



Fragment_Management_Info 01

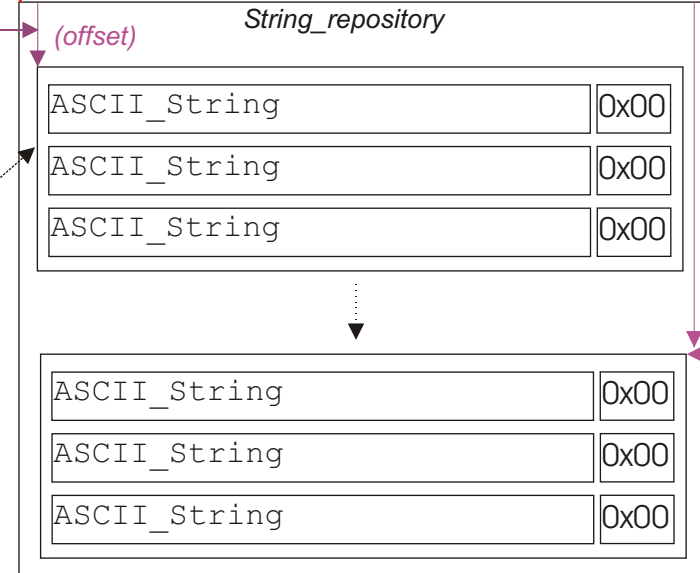


ESG_Data_Repository E0

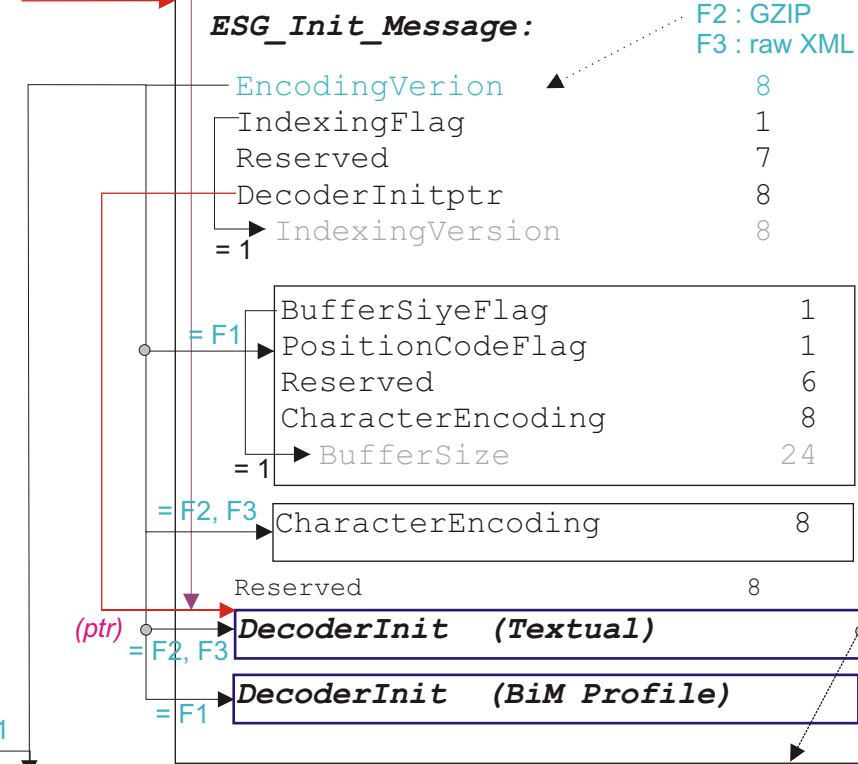


(ptr) : position from start of container
(offset) : offset within structure

Data_Repository 02

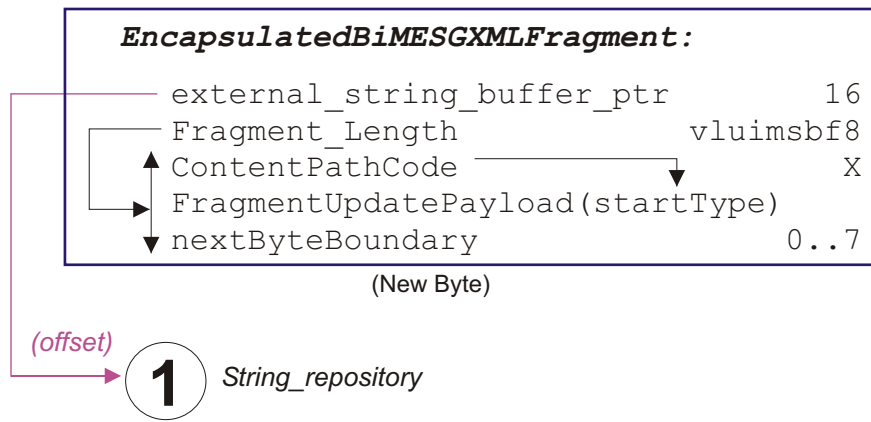


Decoder_Init E2

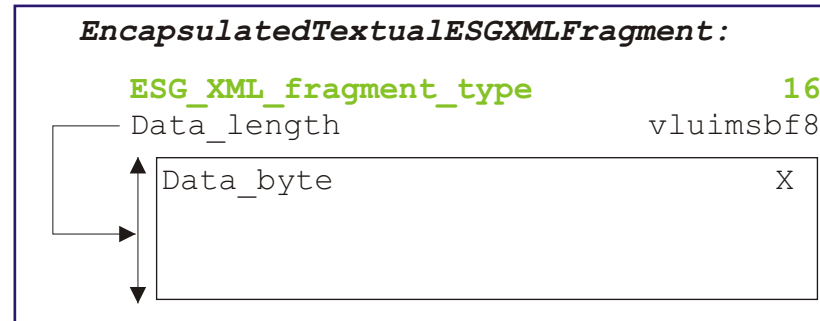


- EncodingVersion ?
- 00 .. EF : TV Anytime reserved
 - F0 : DVB reserved
 - F1 : BiM
 - F2 : GZIP
 - F3 : raw XML
 - F4 .. F7 : DVB reserved
 - F8 .. FF : User defined

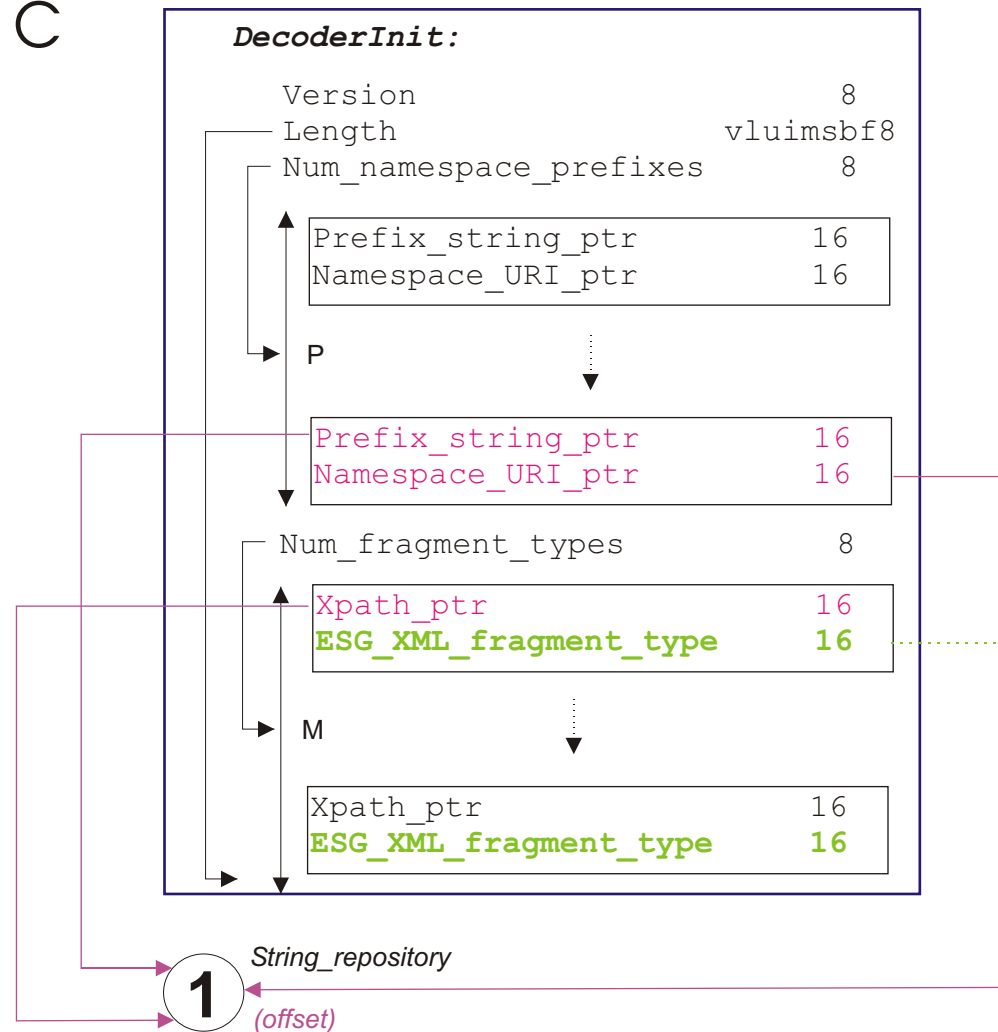
A



B



C



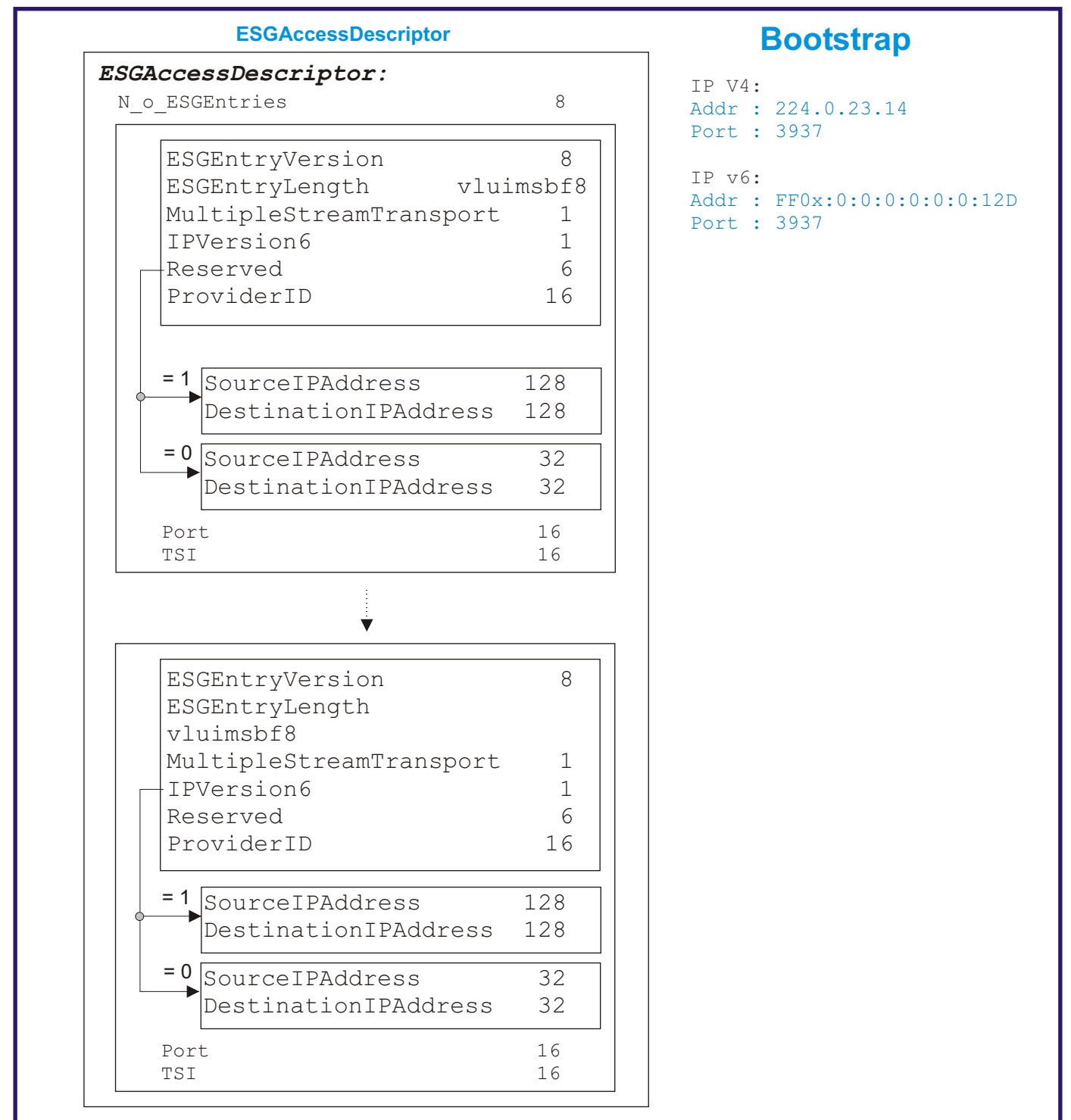
Definition or well known:

ESG_XML_fragment_type:

- 0x0020 : esg:ESGMainFragment
- 0x0021 : esg:ContentFragment
- 0x0022 : esg:ScheduleEventFragment
- 0x0023 : esg:ServiceFragment
- 0x0024 : esg:ServiceBundleFragment
- 0x0025 : esg:AcquisitionFragment
- 0x0026 : esg:PurchaseFragment
- 0x0027 : esg:PurchaseChannelFragment

Structure_type:

- 0x00 : reserved
- 0x01 : Fragment Management Information
- 0x02 : Data Repository
- 0x03 : Index List
- 0x04 : Index
- 0x05 : Multi Field Sub Index
- 0xE0 : ESG Data Repository
- 0xE1 : ESG Session Partition Declaration
- 0xE2 : ESG Init Message



Bootstrap

```

IP V4:
Addr : 224.0.23.14
Port : 3937

IP v6:
Addr : FF0x:0:0:0:0:0:0:12D
Port : 3937
  
```

Esg_fragment_type:

- 0x00 : Encapsulated ESG XML Fragment
- 0x01 : Encapsulated ESG Auxiliary Data
- 0x02 : Encapsulated Private ESG Auxiliary Data
- 0x03 .. 0xE0 : reserved
- 0xE1 .. 0xFF : user defined

Fragment_fef_fmt:

- 0x00 .. 0x20 : reserved
- 0x21 : Generic ESG Fragment Reference
- 0x22 .. 0xE0 : reserved
- 0xE1 .. 0xFF : user defined

Structure_type and structure_id:

- 0x01 | 0x00 : Fragment Management Information
- 0x02 | 0x00 : String Repository
- 0x03 | 0x00 .. 0xFF : reserved
- 0x04 | 0x00 .. 0xFE : specific instance of index structure
- 0x05 | 0x00 .. 0xFE : specific instance of Multi Field Sub Index
- 0xE0 | 0x00 : ESG Data Repository
- 0xE1 | 0xFF : ESG Session Partition Declaration
- 0xE2 | 0x00 : ESG Init Message