Header

Defines meta information for ingress frame, primarily used by data processing layer and for debugging purposes.

* Source IP (IP address of the source machine.)
* Source hostname (The name of the source machine.)
* Timestamp (Summited by the source machine “UTC”.)
* Version (Specific version of the message used by the data processing layer to parse the message.)
* N\* payload entry (Number of distinct signals of the ingress frame.)
* Processing time (How long did the source create this frame.)
* Domain name (Name of the domain instance to which this data belongs to.)

Payload

Consist of one or more signals with one or more data samples each.

* Source name (Name of the signal at the source.)
* Destination name (Name at the destination.)
* Values
  + Amplitude data type (Defines the formats of the amplitude samples ex: Bool, double, etc.)
  + <Quality definition (Defines the type of quality used by source system (enum, string etc.)
    - Amplitude (Amplitude of the sample.)
    - Timestamp (Timestamp of the given sample “UTC”.)
    - Quality (Quality value based on quality definition.)