

Connection Requests in NSI v2.0

In v2.0 a connection request includes a <path> object. The 'Path' describes the endpoints and routing constraints of a requested connection.

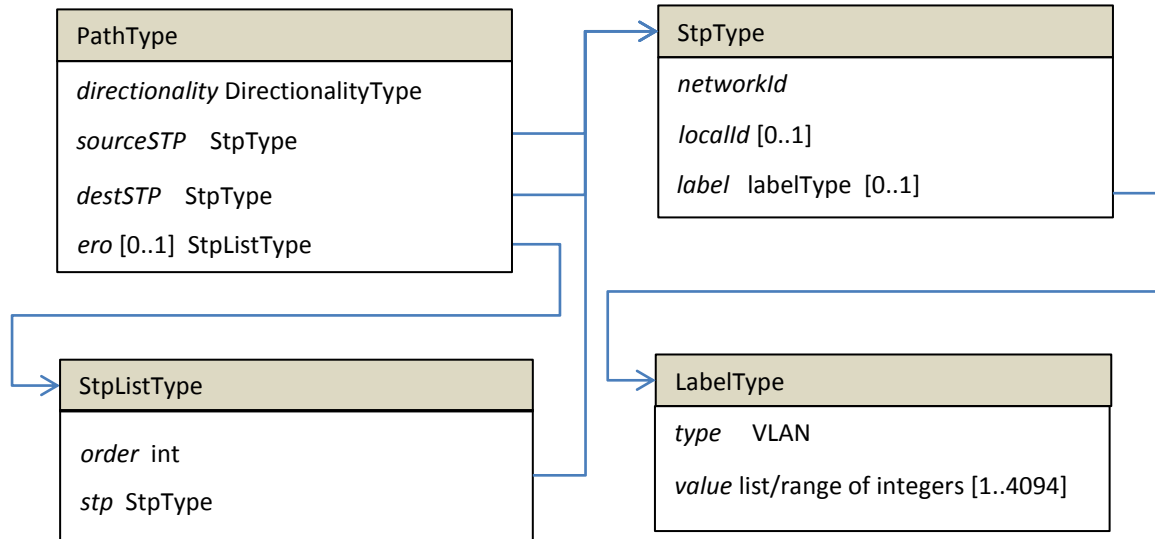


Figure 1: Option 1: if directionality is 'unidirectional', then STPs point to a nml:port, if the directionality type is 'bidirectional', then STPs points to a nml:bidirectionalPort

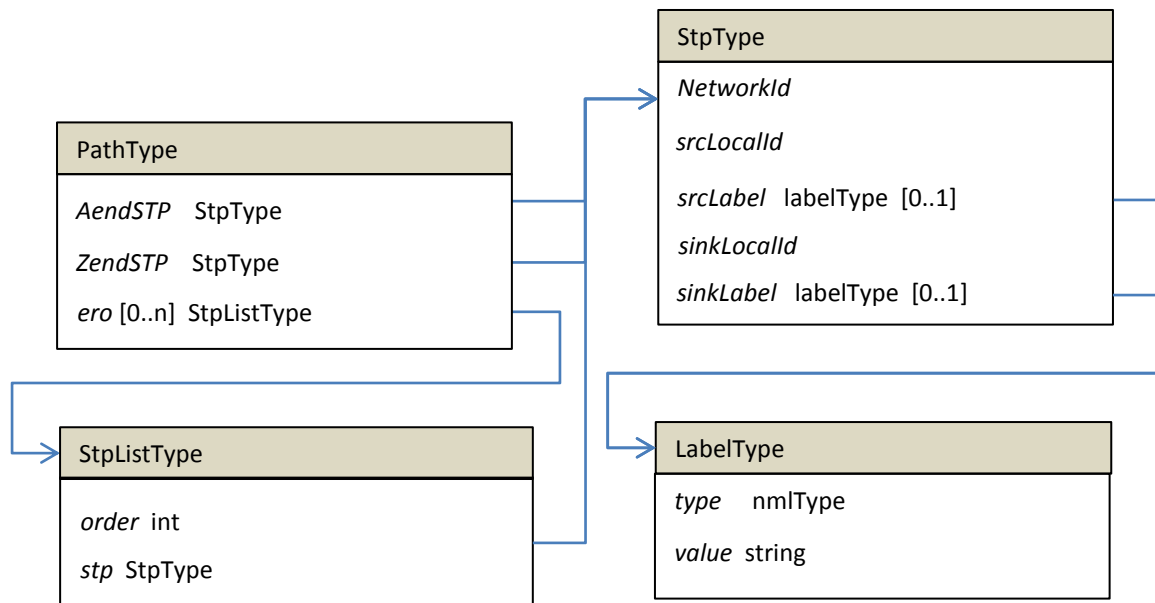


Figure 2: Option 2: STPs are a grouping of 2 unidirectional tuples <network><localId><label>, each tuple points to an nml:port. Were unidirectional connections are requested, the only one of the src/sink tuples are used.

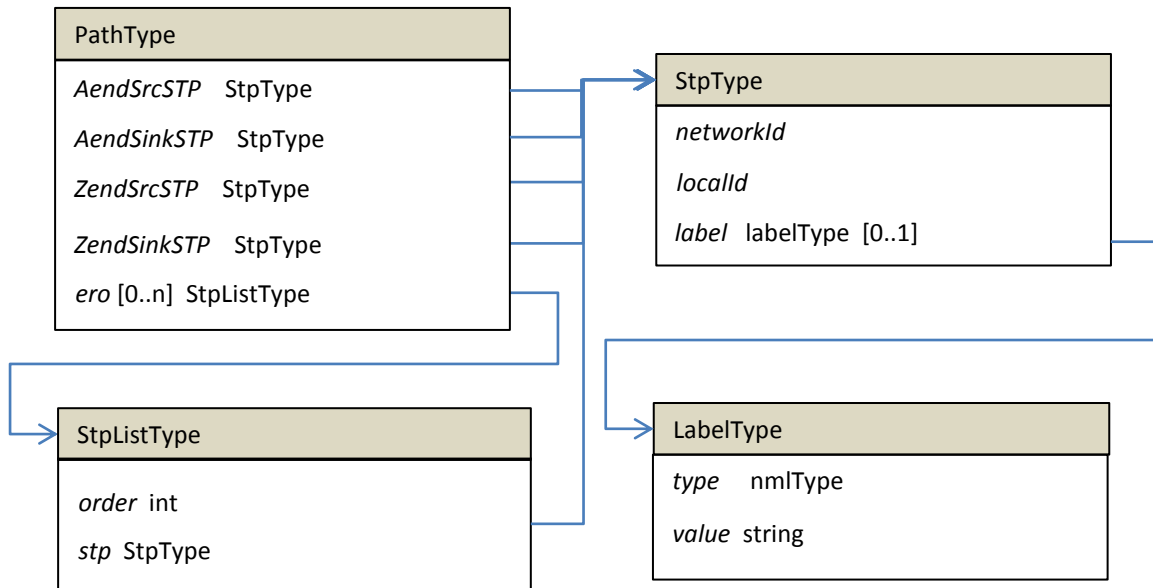


Figure 3: Option 3: STP are always unidirectional and point to an nml:port. In this case unidirectional connections are identified by using either srcSTP or sinkSTP at each end as suitable.