ForCES Model Extension

IETF – 85 Atlanta

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Requested Extensions – 1

- Allow complex metadata
  - Structs
  - Arrays
- Required in Openflow-library draft.
- Two use cases:
  - Action Set Metadata (Executed at end of flow table pipeline)
  - Action List Metadata (Executed upon a redirect in)
  - Both are a list of actions.
Requested Extensions – 2

- Optional default values for datatypes.
- Default value defined in LFB component takes precedence.

Two use cases:
- Unable to define default values inside complex datatypes
- E.g. Common Counter Datatype. Default value defined once, used everywhere.