SIPREC
Recording Metadata format (draft-ram-siprec-metadata-format-01)

9th May 2011 Interim SIPREC MEETING

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On behalf of the team
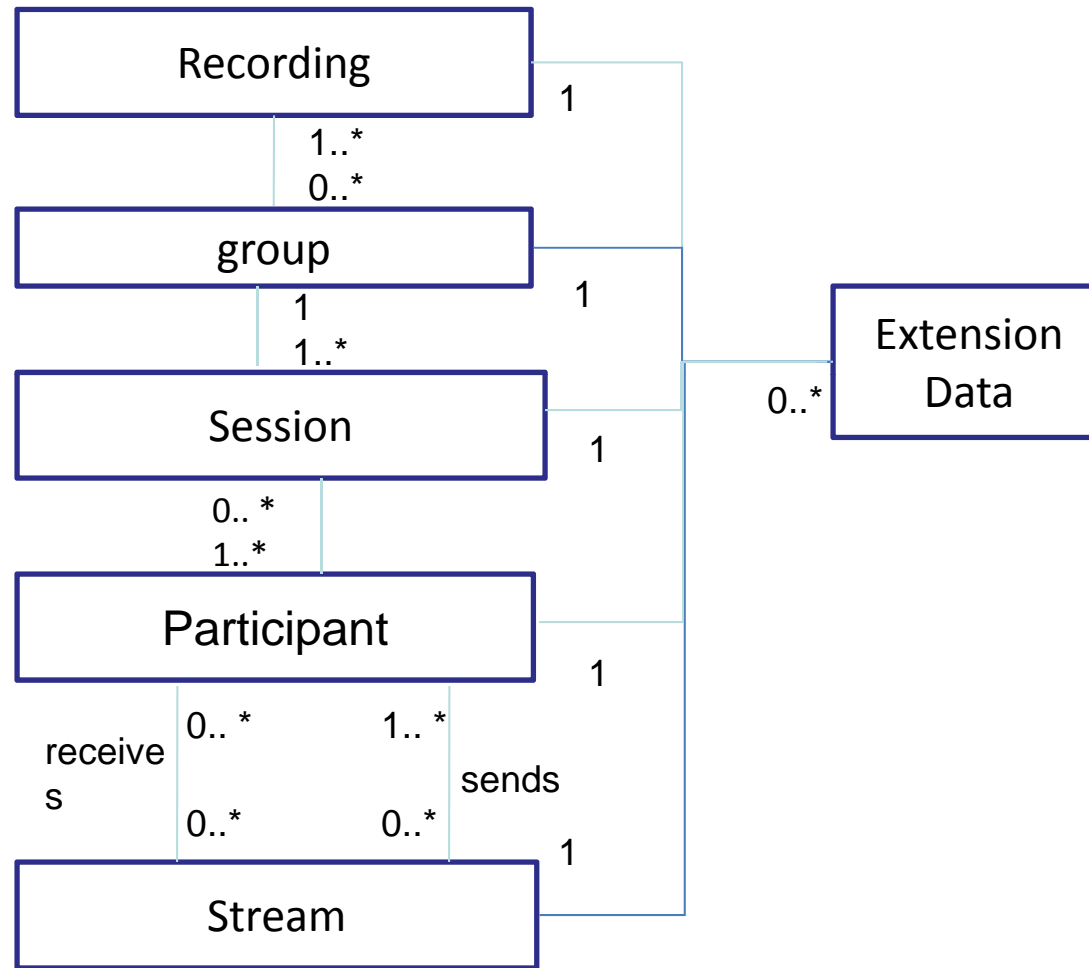
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Agenda

- Recap on Metadata format (draft-ram-siprec-metadata-format-01)
- Discuss Open items in Metadata format
- Next Steps

Recording-Metadata Example

```
<recording-metadata xmlns='...:siprec'>
    <recording id=""> </recording>
    <group id="" recording=""></group>
    <session id=""group=""></session>
    <participant id="" session = "">
 </participant>
     <stream id=""session=""></stream>
    <extension data id="" parent="">
            </extension data>
</recording-metadata>
```

Metadata Format element view by SRS

Open Issue 1 – RS to CS relationship at SRS

➢ SIPREC solution will be designed with the principle of "Many RS to Many CS" relationship at SRS

  ✓ Other possible relationship are "one RS to one CS", "one RS to many CS", "many RS to one CS".

  ✓ No Disagreement in the mailing alias for "Many RS to Many CS" which cover all above relationships

Open Issue 2: Recording session Unique Id generation mechanism

➢ Recording session needs to be globally unique id Whether URN UUID (RFC 4412) or Dialog id is the best suitable id?

- ✓ URN UUID is generated by SRC and within metadata XML. Easy to group in case of RS group objects exists. Flexible for RS group.

- ✓ Dialog-id is generated by both SRC & SRS (to-tag from SRS). Here, reusing existing SIP mechanism is possible

Open Issue 3: CSG & CS Unique Id generation mechanism

➢ group (CSG), session (CS) uses globally unique id by which these unique id will span across multiple RS . Any disagreement?

  ✓ Both CSG and CS span across Multiple RS in case of "Many RS to Many CS" relationship

  ✓No disagreement in the mailer

Open Issue 4 – Stream Unique Id generation mechanism

➢ Stream (MS) needs to be unique id within CS or it may extend to multiple CS within single RS. Whether unique id has to be URN UUID (global) or xml:id (local)

  ✓ Mapping between CS media stream and RS media stream is 1:1 or 1:N or N:1. As all possible relationship possible, there is a need for URN UUID (global id).

  ✓ In case relationship of RS MS to CS MS is 1:N only then it is possible for xml:id (local id)

Open Issue 5 – Participant Unique Id generation mechanism

➢ Participant needs to be unique id within CS or it may extend to multiple CS within single RS. Whether unique id has to be URN UUID or xml:id

✓ participant scope is within single CS with multiple RS or single RS within CS or depends ?

Open Issue 6 – Extensiondata in XML

➢ Whether extension data has to be passed as a separate metadata element or not?

✓ Passing the extension data as a individual metadata block allows partial-update of extension-data alone or partial-update of metadata main element without resending extension-data in each transaction

Open Issue 7 – Unique id for Extensiondata

➢If Extension data is required to be passed separately, Global unique id (URN UUID) or xml:id has to be used.

Open Issue 8 – Codec Parameters in Stream element

- Whether Codec parameters in RS SDP has to be duplicated in Stream XML or Stream XML "label" attribute linkage with RS SDP will be suffice? Till now, Identified attributes are
    - Media Type (audio/video/…)
    - Direction attribute
    - Content type (RFC 4796)
    - RTP MUX (RFC 5576)

Next steps

- Add Milestone in SIPREC or merge with SIPREC metadata draft?
- Close all the open items
- Update next revision based on the accepted comments & Model update
- Request for further review in the mailer