SIPREC
Recording Metadata format (draft-ram-siprec-metadata-format-02)

23rd June 2011 Interim SIPREC MEETING

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On behalf of the team

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Agenda

- Update on Metadata format (draft-ram-siprec-metadata-format-02)
- Discuss Open items in Metadata format
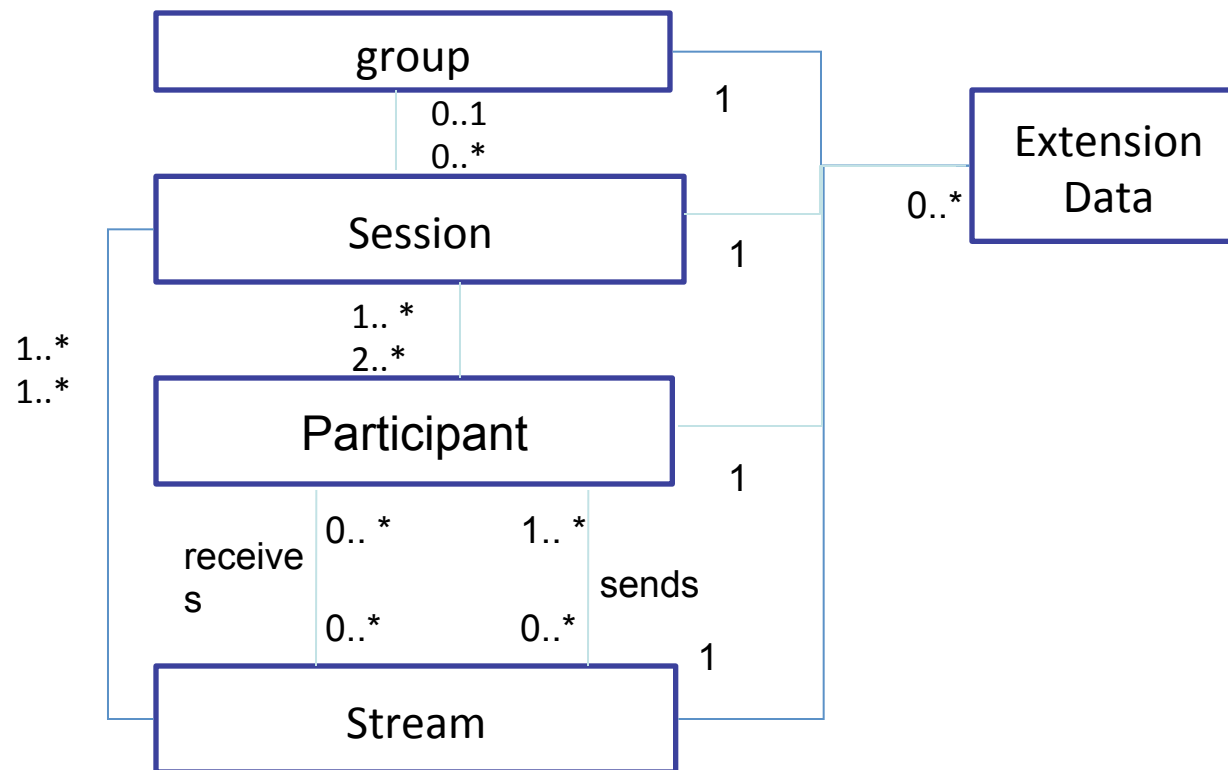- Next Steps

Update in (-02) Metadata format

- Changed recording element as a container element instead of recording-metadata element. Also, removed existing recording element as RS SIP dialog will carry those info.

- Updated XML example, XML schema as per review comments

- Made "group" element as an optional one

Recording-Metadata Example

```
<recording xmlns='...:siprec'>

    <group id="" recording=""></group>

    <session id=""group=""></session>

    <participant id="" session = ""> </
participant>

     <stream id=""session=""></stream>

    <extension data id="" parent="">

            </extension data>

</recording>
```

Metadata Format element view by SRS

Open Issue 1 – Stream Unique Id generation mechanism

➢ Usecases where Stream (MS) needs to be globally unique

  ✓ 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).

  ✓ Multicast scenario wherein MS is span across CS. There is a need for global id.

  ✓ Multiple SRC records same CS and MS to single SRS

➢ Open issue: Whether unique id has to be URN UUID (global) or xml:id (local)

Open Issue 2 – 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 3 – 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 4 – 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 5 – 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

- Ready to merge with SIPREC metadata draft?

- Close all the open items

- Update next revision based on the accepted comments

- Request for further review in the mailer