

MSID status

Harald Alvestrand

2: Changes since last time

- None to msid
- Added * notation in wms-semantic
- Added msid-control function

3: * notation

Avoids need for updating MSID-semantic line when the set of tracks changes

Improvement as long as only one MSID-semantic is used

4: MSID-control

- **MediaTrack states (WebRTC API):**
 - Enabled or disabled on the receiver's track
 - Active or not active at RTPReceiver control point
 - Ended or not ended (ended flows don't come back)
- **Expressed desire: Stop wasting resources on sending unwanted tracks**
 - may also be able to tell sender track is stopped

5: Example SDP

Sender says

m=video

a=msid:foo bar

a=sendrecv

Receiver says

m=video

a=msid:zeta goo

a=sendonly

a=msid-control:
reject



6: Why not use sendonly?

STATE	CONTROL	SENDONLY
enabled	enable	sendrecv
disabled	disable	sendonly
ended	stop	sendonly
rejected	reject	sendonly

Note: If we don't carry enabled/disabled in SDP, sendonly carries information enough.

7: Adiafora - flip a coin

- Drop distinction between reject and stop?
- Use active voice (stop) or passive (stopped)?
- Name of header?

8: Other matters

- MSID is good for MS identifiers. No other candidate uses have been identified.
- General mechanisms have a cost.
Is it worth it?
- Relationship to appid: None.
 - We solve different problems. Let's not mix them.