Interoperability problems caused by specs (not implementation)

Dr. Alex. Gouaillard

w3c/ietf webRTC joint interim meeting – Washington DC -21st May, 2014

Data channel

- 25840 – channel label unique or not
- Lots of arguments, some historical (RTP)
  - Do we deprecate RTP?
  - Do we deprecate some args?
  - Field too long/large (65535 bytes)
  - Odd/Even rule
- how to know the max size of the sending buffer

STUN/TURN

- Why different stun for google and moz again?

ICE

- Trickle ICE in FF (ibanez)
- Ekr: "That's a more complicated philosophical question, since the specs are just drafts and this was kind of a point of vagueness/ disagreement."

MediaStream / GUM

- Mediastream.stop() ?

BTW: this is the user point of view

	Canary	Chrome 34	Nightly	Firefox 29	IE	Safari	Opera 20
PeerConnection API	🟩	🟩	🟩	🟩	🟥	🟥	🟩
ORTC API	🟥	🟥	🟥	🟥	🟨	🟥	🟥
getUserMedia	🟩	🟩	🟩	🟩	🟨	🟥	🟩
mediaConstraints	🟨	🟨	🟨	🟥	🟥	🟥	🟨
TURN support	🟩	🟩	🟩	🟨	🟥	🟥	🟩
MediaStream API	🟩	🟩	🟨	🟨	🟥	🟥	🟩
WebAudio Integration	🟩	🟩	🟩	🟩	🟥	🟥	🟩
dataChannels	🟩	🟩	🟩	🟩	🟥	🟥	🟩
Screen Sharing	🟩	🟩	🟥	🟥	🟥	🟥	🟥
Stream re-broadcasting	🟨	🟨	🟥	🟥	🟥	🟥	🟥
Solid interoperability	🟨	🟨	🟨	🟨	🟥	🟥	🟨