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WebRTC Dependencies
draft-jennings-rtcweb-deps-04

Abstract

This draft will never be published as an RFC and is meant purely to help track the IETF dependencies from the W3C WebRTC documents.

Status of This Memo

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1. Dependencies

The key IETF specifications that the W3C GetUserMedia specification normatively depends on is: [I-D.ietf-rtcweb-constraints-registry], [RFC2119].

The key IETF specifications that the W3C WebRTC specification normatively depended on are: [I-D.ietf-rtcweb-audio], [I-D.ietf-rtcweb-data-channel], [I-D.ietf-rtcweb-data-protocol], [I-D.ietf-rtcweb-jsep], [I-D.ietf-rtcweb-rtp-usage], [I-D.ietf-rtcweb-security-arch], [I-D.ietf-rtcweb-transports], [I-D.ietf-rtcweb-video], [RFC2119], [RFC3264], [RFC3388], [RFC5245], [RFC7064], [RFC7065] and informatively depends on [I-D.ietf-rtcweb-overview], [I-D.ietf-rtcweb-security].

These IETF drafts in turn normatively depend on the following drafts: [I-D.ietf-avtcore-6222bis] (now [RFC7022]), [I-D.ietf-avtcore-multi-media-rtp-session], [I-D.ietf-avtcore-rtp-circuit-breakers], [I-D.ietf-avtcore-rtp-multi-stream-optimisation], [I-D.ietf-avtcore-rtp-multi-stream], [I-D.ietf-httpbis-header-compression], [I-D.ietf-httpbis-http2], [I-D.ietf-httpbis-tunnel-protocol], [I-D.ietf-mmusic-msid], [I-D.ietf-mmusic-sctp-sdp], [I-D.ietf-mmusic-sdp-bundle-negotiation], [I-D.ietf-mmusic-sdp-mux-attributes], [I-D.ietf-payload-rtp-opus], [I-D.ietf-payload-vp8], [I-D.ietf-rtcweb-alpn], [I-D.ietf-rtcweb-data-protocol], [I-D.ietf-rtcweb-security], [I-D.ietf-rtcweb-stun-consent-freshness], [I-D.ietf-tls-applayerprotoneg] (now [RFC7301]), [I-D.ietf-tram-alpn], [I-D.ietf-tsvwg-rtcweb-qos], [I-D.ietf-tsvwg-sctp-dtls-encaps], [I-D.ietf-tsvwg-sctp-ndata], [I-D.ietf-tsvwg-sctp-prpolicies], [I-D.reddy-mmusic-ice-happy-eyeballs].

Right now security normatively depends on [I-D.ietf-rtcweb-overview].

Right now video normatively depends on [I-D.grange-vp9-bitstream], [I-D.ietf-payload-rtp-h265].

The drafts webrtc currently normatively depends on that are not WG drafts are: [I-D.grange-vp9-bitstream], [I-D.reddy-mmusic-ice-happy-eyeballs].

A few key drafts that the work informatively depends on: [I-D.alvestrand-rtcweb-gateways], [I-D.hutton-rtcweb-nat-firewall-considerations], [I-D.ietf-avtcore-multiplex-guidelines], [I-D.ietf-avtcore-rtp-topologies-update], [I-D.ietf-avtcore-srtp-ekt], [I-D.ietf-avtext-rtp-grouping-taxonomy], [I-D.ietf-dart-dscp-rtp], [I-D.ietf-mmusic-trickle-ice], [I-D.ietf-rmcat-cc-requirements], [I-D.ietf-rtcweb-use-cases-and-requirements], [I-D.kaufman-rtcweb-security-ui], [I-D.lennox-payload-ulp-ssrc-mux], [I-D.nandakumar-rtcweb-sdp], [I-D.roach-mmusic-unified-plan], [I-D.westerlund-avtcore-multiplex-architecture].

Something audio should ref but does not yet: [I-D.ietf-rtcweb-audio-codecs-for-interop]

1.1. Time Estimates

The following table has some very rough estimates of when the draft will become an RFC. Historically these dates have often taken much longer than the estimates so take this with a large dose of salt.

Draft Name	ETA
[I-D.grange-vp9-bitstream]	
[I-D.ietf-avtcore-6222bis]	[RFC7022]
[I-D.ietf-avtcore-avp-codecs]	[RFC7007]
[I-D.ietf-avtcore-multi-media-rtp-session]	
[I-D.ietf-avtcore-rtp-circuit-breakers]	
[I-D.ietf-avtcore-rtp-multi-stream-optimisation]	
[I-D.ietf-avtcore-rtp-multi-stream]	
[I-D.ietf-avtcore-srtp-encrypted-header-ext]	[RFC6904]
[I-D.ietf-avtext-multiple-clock-rates]	[RFC7160]
[I-D.ietf-httpbis-header-compression]	2015 Feb
[I-D.ietf-httpbis-http2]	2015 Feb
[I-D.ietf-httpbis-tunnel-protocol]	2015 April
[I-D.ietf-mmusic-msid]	
[I-D.ietf-mmusic-sctp-sdp]	

[I-D.ietf-mmusic-sdp-bundle-negotiation]	
[I-D.ietf-mmusic-sdp-mux-attributes]	
[I-D.ietf-payload-rtp-h265]	2015 Jan
[I-D.ietf-payload-rtp-opus]	2015 Mar
[I-D.ietf-payload-vp8]	2014 Dec
[I-D.ietf-rtcweb-alpn]	
[I-D.ietf-rtcweb-audio]	
[I-D.ietf-rtcweb-constraints-registry]	
[I-D.ietf-rtcweb-data-channel]	
[I-D.ietf-rtcweb-data-protocol]	
[I-D.ietf-rtcweb-jsep]	2015 Oct
[I-D.ietf-rtcweb-overview]	
[I-D.ietf-rtcweb-rtp-usage]	
[I-D.ietf-rtcweb-security-arch]	
[I-D.ietf-rtcweb-security]	
[I-D.ietf-rtcweb-stun-consent-freshness]	
[I-D.ietf-rtcweb-transports]	
[I-D.ietf-rtcweb-video]	
[I-D.ietf-tls-applayerprotoneg]	[RFC7301]
[I-D.ietf-tram-alpn]	2014 Nov
[I-D.ietf-tram-stun-dtls]	[RFC7350]
[I-D.ietf-tsvwg-rtcweb-qos]	
[I-D.ietf-tsvwg-sctp-dtls-encaps]	
[I-D.ietf-tsvwg-sctp-ndata]	

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| [I-D.ietf-tsvwg-sctp-prpolicies]                   |            |
|                                                    |            |
| [I-D.nandakumar-rtcweb-stun-uri]                   | [RFC7064]  |
|                                                    |            |
| [I-D.petithuguenin-behave-turn-uris]               | [RFC7065]  |
|                                                    |            |
| [I-D.reddy-mmusic-ice-happy-eyeballs]              |            |
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