WebRTC Dependencies
draft-jennings-rtcweb-deps-06

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-alpn], [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], and [I-D.ietf-mmusic-trickle-ice].

These IETF drafts in turn normatively depend on the following drafts: [I-D.ietf-rtcweb-fec], [I-D.ietf-payload-flexible-fec-scheme], [I-D.ietf-mmusic-trickle-ice], [I-D.nandakumar-mmusic-music-proto-iana-registration], [I-D.ietf-avtc-core-multi-media-rtp-session], [I-D.ietf-avtc-core-rtp-circuit-breakers], [I-D.ietf-avtc-core-rtp-multi-stream-optimisation], [I-D.ietf-avtc-core-rtp-multi-stream], [I-D.ietf-mmusic-msid], [I-D.ietf-mmusic-sdp], [I-D.ietf-avtc-core-multiplex-guidelines], [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], [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.martinsen-mmusic-ice-dualstack-fairness].

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

The drafts webrtc currently normatively depends on that are not WG drafts are: [I-D.martinsen-mmusic-ice-dualstack-fairness], [I-D.nandakumar-mmusic-music-proto-iana-registration].

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-avtc-core-multiplex-guidelines], [I-D.ietf-avtc-core-rtp-topologies-update], [I-D.ietf-avtc-core-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],
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.

<table>
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<tr>
<th>ETA</th>
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<tr>
<td>[RFC6904]</td>
<td>[I-D.ietf-avtcore-srtp-encrypted-header-ext]</td>
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Pubreq: [I-D.ietf-payload-rtp-opus]
PubReq: [I-D.ietf-tsvwg-sctp-prpolicies]
WGLC: [I-D.ietf-rtcweb-overview]
WGLC: [I-D.ietf-rtcweb-video]
2015 Jan: [I-D.ietf-rtcweb-constraints-registry]
2015 Jan: [I-D.ietf-rtcweb-transports]
2015 Feb: [I-D.ietf-mmusic-sdp-bundle-negotiation]
2015 Feb: [I-D.ietf-mmusic-sdp-mux-attributes]
2015 Feb: [I-D.ietf-rtcweb-alpn]
2015 Feb: [I-D.ietf-tsvwg-sctp-ndata]
2015 Mar: [I-D.ietf-mmusic-msid]
2015 Mar: [I-D.ietf-mmusic-sctp-sdp]
2015 May: [I-D.ietf-rtcweb-audio]
2015 May: [I-D.ietf-rtcweb-jsep]
    [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-tsvwg-rtcweb-qos]
    [I-D.nandakumar-mmusic-proto-iana-registration]
    [I-D.ietf-rtcweb-fec]
    [I-D.ietf-payload-flexible-fec-scheme]
    [I-D.ietf-mmusic-trickle-ice]
2. References

2.1. Normative References

[I-D.ietf-avtcore-6222bis]

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[I-D.ietf-avtcore-srtp-encrypted-header-ext]

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[I-D.ietf-rtcweb-security]

[I-D.ietf-rtcweb-security-arch]

[I-D.ietf-rtcweb-stun-consent-freshness]

[I-D.ietf-rtcweb-transports]

[I-D.ietf-rtcweb-video]

[I-D.ietf-tls-applayerprotoneg]
[I-D.ietf-tram-alpn]

[I-D.ietf-tram-stun-dtls]

[I-D.ietf-tsvwg-rtcweb-qos]

[I-D.ietf-tsvwg-sctp-dtls-encaps]

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[I-D.ietf-tsvwg-sctp-prpolicies]

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Nandakumar, S., "IANA registrations of SDP 'proto' attribute for transporting RTP Media over TCP under various RTP profiles.", draft-nandakumar-mmusic-proto-iana-registration-01 (work in progress), February 2015.
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[RFC7007] Terriberry, T., "Update to Remove DVI4 from the Recommended Codecs for the RTP Profile for Audio and Video Conferences with Minimal Control (RTP/AVP)", RFC 7007, August 2013.


2.2. Informative References


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[I-D.nandakumar-rtcweb-sdp]


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