

SSRC API for WebRTC

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<https://github.com/w3c/webrtc-pc/pull/300>

Next call returns the data for all RTP packets on this Receiver in last 10 seconds

```
interface RTCRtpReceiver {  
    ...  
    sequence<RTCRtpContributingSource> getContributingSources ();  
};
```

```
interface RTCRtpContributingSource {  
    readonly attribute DOMHiResTimeStamp timestamp;  
    readonly attribute unsigned long source;  
    readonly attribute byte? audioLevel;  
    readonly attribute boolean? voiceFlag;  
};
```

PR 300 (cont'd)

audioLevel of type `byte`, readonly, nullable

The audio level contained in the last RTP packet received from this source. If the source was set from an SSRC, this will be the value defined as the level in [RFC6464]. If the source was set from a CSRC, this will be the value as defined in level in [RFC6465]. Those specifications define this level as an integral value from 0 to -127 representing the audio level in decibels relative to the loudest signal that they system could possibly encode.

source of type `unsigned long`, readonly

The CSRC or SSRC value of the contributing source.

timestamp of type `DOMHiResTimeStamp`, readonly

Time of reception of the most recent RTP packet containing the contributing source.

voiceFlag of type `boolean`, readonly, nullable

If the source was set from an SSRC, this will contain the value of the voice flag defined in [RFC6464] from the last RTP packet received from this source. This will be set to true if the encoder believed that packet contains voice activity and false if not. If the source was set from a CSRC, voiceFlag will be unset.