

# W3C WebRTC Meetup Update

Feb 2023

**FOSDEM**

**Romain Vailleux**

*APIRTC DevRel*

WebRTC Paris Meetup | DevFest Perros-Guirec

[@rvailleux@fosstodon.org](mailto:rvailleux@fosstodon.org) | [@WebRTCWildCard](#) on Twitch

# WebRTC - a W3C Standard

2021 - WebRTC becomes a standard

(per W3C and IETF (Internet Engineering Task Force))



# W3C - a Community-led Standardization Organization

- Any individual can participate to working groups
- Anyone can be a W3C member (membership fees apply :))
  - Browser Editors
  - End-users Solution providers
- Any member can propose for a new standard
- A standard will succeed only if it is elaborated collectively
- The working group leaders are making sure the consensus is going forward and reached before publication of a news standard.



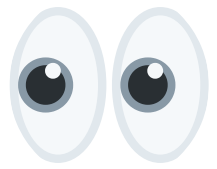
## Deployed/Matured topics

- Media Capture and Streams (Candidate Recommendation Drafts)
- Screen Capture (Working Draft)
- Audio Output Devices API (Candidate Recommendation Drafts)



## Still in progress topics

- `MediaStreamTrack` Insertable Media Processing using Streams (Working Drafts)
- Scalable Video Coding (SVC) Extension for WebRTC (Working Drafts)
- Region, Viewport Capture (Working Drafts)
- Capture Handle - Bootstrapping Collaboration when Screensharing (Working Drafts)
- WebRTC Encoded Transform
- The Capture-Handle Actions Mechanism



# Get inspired - A glance at use cases to be covered with WebRTC in the future

- File Sharing
- IoT
- Virtual Reality Gaming
- Funny Hats/In-Browser compositing / Voice effect / Captioning / Voice-Face analysis (a.k.a raw media manipulation before sending)
- Cloud Gaming / Game Streaming
- Low latency broadcast with P2P relays
- Decentralized Messaging

# How to get infos, engage with or contribute to the WebRTC WG?

## Get Info

- WebRTC WG site : <https://www.w3.org/groups/wg/webrtc>
- Monthly video discussion on Youtube:  
<https://www.youtube.com/@w3c-webrtc> (next will be on 21/02/2023)
- Get some WebRTC implementation samples:  
<https://webrtc.github.io/samples/>
- Working group repos:  
<https://www.w3.org/groups/wg/webrtc/tools>

# How to get infos, engage with or contribute to the WebRTC WG?

## Engage

- W3C Developer Meetup - 12 September 2023 - Sevilla, ES
- WebRTC public mailing list  
<https://lists.w3.org/Archives/Public/public-webrtc/>
- WebRTC Workgroup IRC Channel: <https://irc.w3.org/?channels=webrtc>



# How to get infos, engage with or contribute to the WebRTC WG?

## Contribute

- Express yourself on current topics processed by the working group
  - Github issues is the way!
- Propose to lead new topics of interest - Consensus-based decision

==> Membership: <https://www.w3.org/Consortium/membership.html>

# Get more infos:

## W3C Staff

- **Carine Bournez** | [carine@w3.org](mailto:carine@w3.org) | [@caribou@w3c.social](https://twitter.com/caribou@w3c.social) | [Github](#)
- **Dominique Hazaël-Massieux** | [dom@w3.org](mailto:dom@w3.org) | [@dontcallmeDOM@w3c.social](https://twitter.com/dontcallmeDOM@w3c.social) | [Github](#)

## These slides

[On myGitHub account](#)

Thx



@rvailleux

Worthy advertisement





# webRTC Wildcard

NEWS - CODE - EXPERIMENTATIONS - INTERVIEWS

LIVE ON TWITCH



EVERY THURSDAY

12PM CET

@WEBRTCWILDCARD

Want to share  
something?

DM me on  
[@rvailleux](#)