

# **Media Capture: Bugs To Consider**

August 2014

## **Status: The ones from June's deck**

We didn't get to the deck until late, so not much was resolved. But significant input on access, resolved stop(), removed nativeSettings....

# Bugs closed since June meeting

- 25248, 25801 after call
- Many others resolved editorially
- Editor process seems to be working - we're down from 47 to 27!!!

Still 27 bugs to resolve in the database.

# The list of open bugs

[Click here to go to buganizer](#)

**22214 How long do permissions persist? (see next slides)**

**22251 Define better error when no video or audio source is available (see next slides)**

22271 Terminology section should not have conformance requirements

24933 deviceId is not registered as constraints, so apps can't choose device based on the device enumeration

25245 Specify "access" in the context of getMediaDevices

25298 How to represent VideoFacingMode if browser is not able to detect the FacingMode of the camera.

25609 MediaStreamErrorEvent is incomplete

25752 sourceType is redundant as constraint

25765 Need to move a bunch of text around

25767 Missing Ref to Image Capture spec

25769 Need extensibility for media types that are not audio or video

25771 Explanation of constraints in GUM call

25772 Not clear what goes in the same group

25775 Do we need both MediaDeviceKind and SourceTypeEnum

25777 Capabilities seem under specified

25778 SourceType enum should be extended

25779 Computation of largest set of unordered constraint

25785 peerIdentity displayed to user in device selection UI

25786 Best practice to allow file for audio / video device

25788 Spec should explicitly specify whether the return types can be nullable or not.

25794 Make facingMode a VideoFacingModeEnum again once enum default notation is supported in webidl.

25809 Security issue: Abuse of "call me" URLs

25810 Change all extensible enum to DomStrings

25884 Constraints should be reworked to May 21 consensus

25988 Need a list of MediaStreamError "name" values

26111 need typedef of ConstrainVideoFacingMode

26243 Do we need getUserMedia() on MediaDevices?

# 22214 How long do permissions persist?

Hope this is an easy one by now.

- **Stored permissions: Until revoked**
  - includes label permissions
- **Single-use permissions: Until device close**
  - A device closes when all tracks sourced from it have stopped.
- **Label permissions: Until all devices close**

Open after June 25: Any benefit to removing label access when devices close?

[Bug 22251](#) - Define better error when no video or audio source is available

- What do we get told when we don't get a device?
- Proposal: error callback with errors:
  - NotFoundError (no such device)
  - AbortError (something went wrong)
  - SourceUnavailable (can't get that device)
- Proposal is 1 year old - uncontroversial?
- Depends on 25988 - list of error "name" values

# The Bug Fix Pipeline (simple bugs)

- Bugs are filed
- Editors determine that solution is obvious
  - If not, chairs ensure discussion happens
- Editors make a fix
  - May consult with people active in discussion to verify solution
- Editors check in fix to github, and close bug
  - Bug close contains link to github commit
  - Bug close always sent to TF mailing list
- If people are unhappy, bug will be reopened

# How You Can Help

- When filing bugs, make them as clear and actionable as possible
- Help resolving bugs by
  - contribute to list discussion on how to resolve the bug - make proposals (this step may be omitted for bugs of pure editorial nature - use your judgement)
  - if discussion converges, consider making a pull request
    - Merging pull requests is *easy* (if they're fresh)
- Editors, backed by chairs, take final decision