

Abstract

The HTML Media Capture specification defines HTML form extensions that facilitate users' access to media capture capabilities of the hosting device. These form extensions enable the upload of still images, video, and audio directly from a device capture mechanism but capture the “default” offered by the device, providing limited control over what is captured. More detailed control, including management of related streams, is provided by the “Media Capture and Streams” specification [[Media-Capture-Streams]].

1. Introduction

This section is non-normative.

The HTML Media Capture specification enables web page authors to declaratively specify the upload of audio, video and still images by adding a new attribute to the HTML input element. This enables unified capture and upload from the device capture device without requiring a user to save a file and then upload it in separate steps.

Such an approach does not provide detailed user control over capture, so use cases requiring correlating specific individual audio and video streams may be met by using another specification, “Media Capture and Streams” [[Media-Capture-Streams]]. Access to media streams from the hosting device is out of scope for this specification.

This specification extends the `HTMLInputElement` interface with a new `capture` attribute. The `capture` attribute enables

content authors to ~~give hints of preferred means to indicate the media to be captured and uploaded, capture local media such as specifically still~~ images, video, and ~~sound audio, that is to be subsequently uploaded~~. Conformant user agents provide their users a more seamless access to the above-mentioned media capture capabilities of the hosting device.

~~Access to media streams from the hosting device is out of scope for this specification.~~

5. The capture attribute

This section is normative.

When an `input` element's `type` attribute is in the File Upload state, the rules in this section apply.

```
partial interface HTMLInputElement {  
    attribute DOMString capture;  
};
```

Use of this HTML attribute as extended in this specification enables integrated capture and upload of audio, video and still images.