HTML Audio/Video Methods

|  |  |
| --- | --- |
| **Method** | **Description** |
| [addTextTrack()](http://www.w3schools.com/tags/av_met_addtexttrack.asp) | Adds a new text track to the audio/video |
| [canPlayType()](http://www.w3schools.com/tags/av_met_canplaytype.asp) | Checks if the browser can play the specified audio/video type |
| [load()](http://www.w3schools.com/tags/av_met_load.asp) | Re-loads the audio/video element |
| [play()](http://www.w3schools.com/tags/av_met_play.asp) | Starts playing the audio/video |
| [pause()](http://www.w3schools.com/tags/av_met_pause.asp) | Pauses the currently playing audio/video |

HTML Audio/Video Properties

|  |  |
| --- | --- |
| **Property** | **Description** |
| [audioTracks](http://www.w3schools.com/tags/av_prop_audiotracks.asp) | Returns an AudioTrackList object representing available audio tracks |
| [autoplay](http://www.w3schools.com/tags/av_prop_autoplay.asp) | Sets or returns if the audio/video should start playing as soon as it is loaded |
| [buffered](http://www.w3schools.com/tags/av_prop_buffered.asp) | Returns a TimeRanges object representing the buffered parts of the audio/video |
| [controller](http://www.w3schools.com/tags/av_prop_controller.asp) | Returns the MediaController object representing the current media controller of the audio/video |
| [controls](http://www.w3schools.com/tags/av_prop_controls.asp) | Sets or returns if the audio/video should display controls (like play/pause etc.) |
| crossOrigin | Sets or returns the CORS settings of the audio/video |
| [currentSrc](http://www.w3schools.com/tags/av_prop_currentsrc.asp) | Returns the URL of the current audio/video |
| [currentTime](http://www.w3schools.com/tags/av_prop_currenttime.asp) | Sets or returns the current playback position in the audio/video (in seconds) |
| [defaultMuted](http://www.w3schools.com/tags/av_prop_defaultmuted.asp) | Sets or returns if the audio/video is muted by default |
| [defaultPlaybackRate](http://www.w3schools.com/tags/av_prop_defaultplaybackrate.asp) | Sets or returns the default speed of the audio/video playback |
| [duration](http://www.w3schools.com/tags/av_prop_duration.asp) | Returns the length of the current audio/video (in seconds) |
| [ended](http://www.w3schools.com/tags/av_prop_ended.asp) | Returns if the playback of the audio/video has ended or not |
| [error](http://www.w3schools.com/tags/av_prop_error.asp) | Returns a MediaError object representing the error state of the audio/video |
| [loop](http://www.w3schools.com/tags/av_prop_loop.asp) | Sets or returns if the audio/video should start over again when finished |
| [mediaGroup](http://www.w3schools.com/tags/av_prop_mediagroup.asp) | Sets or returns a the group the audio/video belongs to (used to link multiple audio/video elements) |
| [muted](http://www.w3schools.com/tags/av_prop_muted.asp) | Sets or returns if the audio/video is muted or not |
| [networkState](http://www.w3schools.com/tags/av_prop_networkstate.asp) | Returns the current network state of the audio/video |
| [paused](http://www.w3schools.com/tags/av_prop_paused.asp) | Sets or returns if the audio/video is paused or not |
| [playbackRate](http://www.w3schools.com/tags/av_prop_playbackrate.asp) | Sets or returns the speed of the audio/video playback |
| [played](http://www.w3schools.com/tags/av_prop_played.asp) | Returns a TimeRanges object representing the played parts of the audio/video |
| [preload](http://www.w3schools.com/tags/av_prop_preload.asp) | Sets or returns if the audio/video should be loaded when the page loads |
| [readyState](http://www.w3schools.com/tags/av_prop_readystate.asp) | Returns the current ready state of the audio/video |
| [seekable](http://www.w3schools.com/tags/av_prop_seekable.asp) | Returns a TimeRanges object representing the seekable parts of the audio/video |
| [seeking](http://www.w3schools.com/tags/av_prop_seeking.asp) | Returns if the user is currently seeking in the audio/video |
| [src](http://www.w3schools.com/tags/av_prop_src.asp) | Sets or returns the current source of the audio/video element |
| [startDate](http://www.w3schools.com/tags/av_prop_startdate.asp) | Returns a Date object representing the current time offset |
| [textTracks](http://www.w3schools.com/tags/av_prop_texttracks.asp) | Returns a TextTrackList object representing the available text tracks |
| [videoTracks](http://www.w3schools.com/tags/av_prop_videotracks.asp) | Returns a VideoTrackList object representing the available video tracks |
| [volume](http://www.w3schools.com/tags/av_prop_volume.asp) | Sets or returns the volume of the audio/video |

HTML Audio/Video Events

|  |  |
| --- | --- |
| **Event** | **Description** |
| abort | Fires when the loading of an audio/video is aborted |
| [canplay](http://www.w3schools.com/tags/av_event_canplay.asp) | Fires when the browser can start playing the audio/video |
| [canplaythrough](http://www.w3schools.com/tags/av_event_canplaythrough.asp) | Fires when the browser can play through the audio/video without stopping for buffering |
| [durationchange](http://www.w3schools.com/tags/av_event_durationchange.asp) | Fires when the duration of the audio/video is changed |
| emptied | Fires when the current playlist is empty |
| ended | Fires when the current playlist is ended |
| error | Fires when an error occurred during the loading of an audio/video |
| [loadeddata](http://www.w3schools.com/tags/av_event_loadeddata.asp) | Fires when the browser has loaded the current frame of the audio/video |
| [loadedmetadata](http://www.w3schools.com/tags/av_event_loadedmetadata.asp) | Fires when the browser has loaded meta data for the audio/video |
| [loadstart](http://www.w3schools.com/tags/av_event_loadstart.asp) | Fires when the browser starts looking for the audio/video |
| pause | Fires when the audio/video has been paused |
| play | Fires when the audio/video has been started or is no longer paused |
| playing | Fires when the audio/video is ready to play after having been paused or stopped for buffering |
| [progress](http://www.w3schools.com/tags/av_event_progress.asp) | Fires when the browser is downloading the audio/video |
| ratechange | Fires when the playing speed of the audio/video is changed |
| seeked | Fires when the user is finished moving/skipping to a new position in the audio/video |
| seeking | Fires when the user starts moving/skipping to a new position in the audio/video |
| stalled | Fires when the browser is trying to get media data, but data is not available |
| suspend | Fires when the browser is intentionally not getting media data |
| timeupdate | Fires when the current playback position has changed |
| volumechange | Fires when the volume has been changed |