

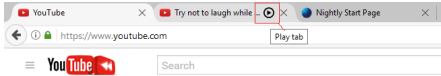
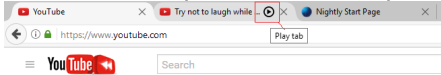
## S356: Block PLayer [EngQA]

## 1. Functional

**C10719: Open media in a background tab by clicking the middle mouse**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

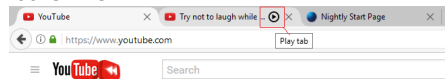
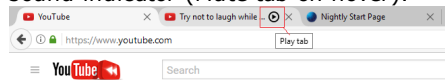
## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Navigate to YouTube	Navigation is allowed
3 Hover your mouse over any available video and click the middle mouse	The video is opened in a new tab in the background Media (video and sound) are not playing Play Tab button is displayed in the right side of the tab and looks like: 
4 Wait for 10 seconds and focus the tab with the recent opened YouTube video.	After focusing the tab, the Play tab button is replaced by the sound indicator (Mute tab on hover). 
5 Open 10 more videos in the background by clicking the middle mouse	ALL the videos are opened in the background. Media is blocked for all of them. Play tab button is displayed for all of them.

**C10962: Open media in a background tab by hitting Ctrl Key + left click**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

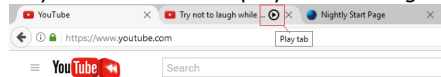
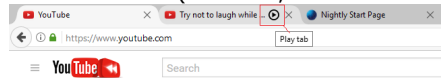
## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Navigate to YouTube	Navigation is allowed
3 Hover your mouse over any available video and hit CTRL + left mouse click on Windows/Ubuntu, Cmd+left mouse on Mac OS X	<p>The video is opened in a new tab in the background. Media (video and sound) are not playing. Play Tab button is displayed in the right side of the tab and looks like:</p> 
4 Wait for 10 seconds and focus the tab with the recent opened YouTube video.	<p>After focusing the tab, the Play tab button is replaced by the sound indicator (Mute tab on hover).</p> 
5 Open 10 more videos in the background by hitting CTRL + left mouse click on Windows/Ubuntu, Cmd+left mouse on Mac OS X	<p>ALL the videos are opened in the background. Media is blocked for all of them. Play tab button is displayed for all of them.</p>

**C10720: Open media in background by using the option to Open Link in New Tab**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

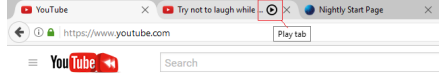
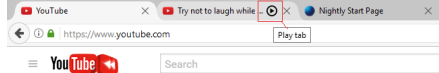
## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Navigate to YouTube	Navigation is allowed
3 Right click on any video and select -> Open Link in New Tab	The video is opened in a new tab in the background Media (video and sound) are NOT playing Play Tab button is displayed in the right side and looks like: 
4 Wait for a couple of seconds and focus the tab with the recent opened YouTube video.	After focusing the tab, the Play tab button is replaced by the sound indicator (on hover, Mute tab is shown) 
5 Open more YouTube videos by right clicking and selecting -> Open Link in New Tab.	All the videos are opened Media is blocked for all of the videos Play tab button is displayed for all of them.

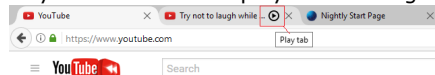
**C10721: Open media in background by using the option to Open Link in New Container**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is succesfully opened
2 Navigate to any website with media content (that can be opened in the background and have an enabled autoplay) For e.g: <a href="https://www.mozilla.org/en-US/contribute/">https://www.mozilla.org/en-US/contribute/</a>	Navigation is allowed.
3 Right click on the Play Button -> Open Link in New Container Tab (Z) -> Personal.	The video is opened in a new tab in the background and the tab is categorized as a Personal one (blue color) Media (video and sound) are NOT playing Play Tab button is displayed in the right side and looks like: 
4 Right click on the Play button again -> Open link in New Container Tab (Z) -> Work	The video is opened in a new tab in the background and the tab is categorized as a Work one (orange color) Media (video and sound) are NOT playing Play Tab button is displayed in the right side and looks like: 
5 Right click on the Play button again -> Open link in a New Container Tab (Z) -> Banking	The video is opened in a new tab in the background and the tab is categorized as a Banking one (green color) Media (video and sound) are NOT playing

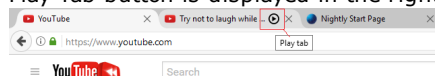
Play Tab button is displayed in the right side and looks like:



6

Right click on the Play button again -> Open link in a New Container Tab (Z) -> Shopping

The video is opened in a new tab in the background and the tab is categorized as a Shopping one (pink color)  
Media (video and sound) are NOT playing  
Play Tab button is displayed in the right side and looks like:



**C10903: Open media in background from the New Tab**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Steps

Step	Expected Result
1 Launch Firefox	
2 Navigate to some videos of your choice (with enabled autoplay). Just in case, here are some examples: <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm</a> <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a> <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a> <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a> <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a>	All the videos are opened
3 Close all the previous opened tabs	The tabs are closed
4 Open a New Tab - focus on a previously watched video tile and middle click on it	Video is opened in the background - media is blocked.
5 Open a New Tab - focus on a previously watched video tile - > right click on it -> Open Link in a New Tab	Video is opened in the background - media is blocked.
6 Open a New Tab - focus on a previously watched video tile - > right click on it-> Open Link in a New Container Tab (Z) - > select any option	Video is opened in the background - media is blocked.
7 Open a New Tab - focus on a previously watched video tile and -> right click on it -> Open Link in a New Window	Video is opened in a new Windows, the video has focus and media is not blocked.

**C10901: Open media in background from History**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Steps

Step	Expected Result
1 Launch Firefox with a new profile	Firefox is successfully opened
2 Navigate to websites that contain media content and have an enabled autoplay (here are some helpful e.g: YouTube, <a href="http://www.be-at.tv/brands/berlin">http://www.be-at.tv/brands/berlin</a> , Trilulilu.ro)	Navigation is allowed
3 Close Firefox	Firefox is successfully closed
4 Open Firefox again	Firefox is successfully opened
5 Go to the Open Menu -> click on History -> Show All History -> right click on the Today history folder and select Open All in Tabs.	All the tabs are opened Media should play only on the page that is in focus On all the other tabs (that are in background) media is blocked and the Play tab button is displayed in the right side of the tabs.

**C10902: Open media in background from Bookmarks**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully launched
2 Open some websites that contain media content and have an enabled autoplay, and bookmark them (in different locations, under different tabs)	All the pages are successfully opened
3 Open the Bookmarks sidebar and open all the folders that contain media content pages.	All the bookmarks are opened. Media is blocked on all the pages that are opened in background tabs (the Play Tab button is placed in the right side of each tab with blocked media content)



**C10904: Open media in Private Browsing**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Steps

Step	Expected Result
1 Launch Firefox and open a Private Window (Open menu -> New Private Window)	Firefox is opened and so is the New Private Window
2 Navigate to YouTube	Navigation is allowed
3 Hover any video and do a middle click	Video is opened in a background tab, media is blocked and the Play Tab button is displayed.
4 Right click on another video - > select Open Link in New Tab	Video is opened in a background tab, media is blocked and the Play Tab button is displayed.
5 Right click in the Tabs bar -> select Bookmarks All tabs (name the folder and place it in the Bookmarks Toolbar)	A new folder is added in the Bookmarks toolbar containing the 2 opened videos in steps 3 and 4
6 Right click on the new created folder and select Open All in Tabs	The 2 videos are opened in separate tabs. Media is not blocked on the first tab (that is in focus) Media is blocked on the second tab (the background one). Play tab button is also displayed in the right side.

**C10917: Block playback for social media sites**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Preconditions

Visit gmail at least once and pin it to the New Tab page.  
Visit Facebook at least once and pin it to the New Tab page.

## Steps

	Step	Expected Result
1	Launch Firefox	Firefox is properly opened
2	Open a New Tab -> right click on the Facebook tile -> Open Link in New Tab	Facebook is opened in a new tab in the background
3	Wait for someone to write you on the FB messenger (do not focus the tab)	No notification sound alerts you. Block playback icon is not displayed
4	Wait for someone to call you on the FB messenger (do not focus the tab)	The Play Tab indicator is displayed in the tab. (no sound is heard)
5	Focus the Facebook tab	Media is unblocked, you are notified about the lost call (sound is heard) The Play Tab button is replaced by the sound button.
6	Open a New Tab -> right click on the Gmail tile -> Open Link in New Tab	Gmail is opened in a new tab in the background
7	Wait for a Gmail chat message (do not focus the tab)	The Play Tab indicator should be displayed in the tab Media should be blocked - no notification sound alerts you
8	Click on the Gmail tab	The notification alert should be unblocked (the sound is heard)

**C12923: Toggle preference media.block-autoplay-until-in-foreground**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is opened
2 Open some videos of your choice in the background (with enabled autoplay)	Media is blocked, the Play Tab indicator is displayed for all the blocked video.
3 Unblock media for all the videos (via focusing the tabs or via clicking on Play Tab indicator)	Media is unblocked and the Play tab indicator is replaced by the sound indicator
4 Navigate to about:config, and set preference media.block-autoplay-until-in-foreground to false	Preference is properly toggled
5 Restart Firefox	Firefox is properly restarted
6 Open some videos of your choice in the background again (with enabled autoplay)	Media is not blocked, sound indicator is present on all the opened tabs with videos.
7 Navigate to about:config, and set preference media.block-autoplay-until-in-foreground to true	Preference is toggled.
8 Restart Firefox	Firefox is properly restarted
9 Open some videos of your choice in the background (with enabled autoplay)	Media is blocked again. Play tab indicator is present on all the tabs with blocked media
10 Unblock media for some of the videos (via direct focus on the tab or via clicking the Play Tab indicator)	Media is unblocked. Play tab indicator is replaced by the sound indicator.

## 2. Play Tab button

**C10905: Use the Play Tab button**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

Steps	
Step	Expected Result
1 Launch Firefox	Firefox is properly launched
2 Navigate to YouTube and open several videos in the background (at least 3 videos)	All the videos are opened in the background The media is blocked Play Tab indicator is displayed on each tab in the right side
3 Without focusing any other tab, click on one of the Play Tab indicators	Media is unblocked for that tab The Play Tab indicator is replaced with the Sound indicator. On hover - Mute tab (Ctrl+M) is displayed.
4 Click on other Play Tab indicator and right after that, focus that tab	Media is unblocked for that tab also Video and sound are in sync
5 Click on other Play tab indicator (do not focus the tab)	Media is unblocked and the Sound indicator replaces the Play Tab one
6 For the same tab from step 5 - click in the Sound indicator (do not focus the tab)	Sound is muted Mute indicator replaces the Sound one ("Unmute tab: is displayed on hover)
7 Click on the Unmute indicator, and do so for a couple of times	Mute/Unmute actions are done one after the other The Play Tab indicator is not shown at all.

**C10958: Play Tab indicator in a pinned tab**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Navigate to YouTube and open several videos in background (at least 5 videos)	All the videos are opened in new tabs in the background Media is blocked for all of them Play tab indicator is displayed on each tab
3 Pin all the tabs with opened videos (right click on each tab - > select Pin Tab)	All the tabs are pinned Media is still blocked Play tab indicator is still displayed on each tab
4 Focus one of the pinned tabs	Media is unblocked and the sound indicator replaces the Play tab one
5 On a different pin tab - > click on the Play Tab indicator	Media is unblocked and the sound indicator replaces the Play tab one
6 Close Firefox	Firefox is closed
7 Open Firefox	All the pinned tabs should have media blocked (except for the one in focus, if any) If there are any normal tabs there is no indicator as: Play Tab and Sound (only the mute indicator is shown but clicking on it does nothing since the content tab is not loaded)
8 Re-start Firefox (Shift+F2)	After restart, all the pinned tabs should have media blocked (except for the one in focus, if any). Normal tabs do not have the content loaded and only the mute indicator is displayed.
9 Install crash-me addon, crash Firefox (write "this is a test" in the crash dialog) and restore. <a href="https://addons.mozilla.org/en-US/firefox/addon/crash-me-now-simple/?src=userprofile">https://addons.mozilla.org/en-US/firefox/addon/crash-me-now-simple/?src=userprofile</a>	After restore, all the pinned tabs should have media blocked (except for the one in focus, if any). Normal tabs do not have the content loaded and only the mute indicator is displayed.

## 3. Additional tests

**C10907: Session restore with media content in the background**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

Steps		
Step		Expected Result
1	Launch Firefox	Firefox is successfully launched
2	<p>Open several videos of your choice (with enabled autoplay) E.g:</p> <ul style="list-style-type: none"> <li>- YouTube videos - <a href="https://www.youtube.com">https://www.youtube.com</a></li> <li>- Yahoo videos - <a href="https://www.yahoo.com/music/tagged/video">https://www.yahoo.com/music/tagged/video</a></li> <li>- Local radios from: <a href="http://tunein.com/">http://tunein.com/</a></li> <li>- <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webm</a></li> <li>- <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a></li> <li>- <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a></li> <li>- <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a></li> <li>- <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a></li> <li>- <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html</a></li> <li>- <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html</a></li> <li>- <a href="https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm">https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm</a></li> </ul>	<p>All the videos are opened. Media is blocked only for the videos that were opened in background and were never focused (Play Tab indicator is displayed in this cases) Media is properly working on all the other tabs that were in focus</p>
3	Pin 2 -3 tabs with blocked media content	<p>Tabs are pinned Media is still blocked and the Play Tab indicator is still present</p>
4	Open a new tab with no media on it	
5	Close Firefox	Firefox is properly closed
6	Open Firefox again	Firefox properly opened
7	In the lower right side - click on the Restore Previous Session button	<p>All the previous tabs are opened. Media is blocked for all the tabs (except for the tab that is in focus) Play Tab indicator is displayed on all the pinned tabs that are not in focus. The Play Tab indicator is not displayed on the normal tabs (their content is not loaded).</p>
8	Click on one of the Play Tab indicator	Media is unblocked for that particular tab



**C10909: Reload All Tabs**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is properly opened
2 Open several tabs with media content (with enabled autoplay). Here are some helpful examples: - YouTube videos - <a href="https://www.youtube.com">https://www.youtube.com</a> - Yahoo videos - <a href="https://www.yahoo.com/music">https://www.yahoo.com/music</a> - Local radios from: <a href="http://tunein.com/">http://tunein.com/</a> - <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a> - <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html</a> - <a href="https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm">https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm</a>	All the videos are opened. Media is blocked only for the tabs that were opened in background Play Tab indicator is displayed for the tabs opened in background Sound indicator is displayed for the tabs where media is not blocked
3 Mute media content for 2 tabs	Sound indicator is replaced with the Mute one.
4 In the Tabs bar -> right click on any tab -> select Reload All Tabs	All the tabs are reloaded The tabs are in the same state they were before reload: - the tabs with blocked media content still have the media content blocked - the tabs with the sound indicator still have the media content unblocked - the tabs with the Mute indicator still have audio on mute



**C10910: Crash restore**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

**Steps**

Step	Expected Result
1 Launch Firefox	Firefox successfully opened
2 Install the crash me now add-on and place it on the tabs bar (Open menu -> Customize -> place Crash add-on the tabs bar) <a href="https://addons.mozilla.org/en-US/firefox/addon/crash-me-now-simple/?src=ss">https://addons.mozilla.org/en-US/firefox/addon/crash-me-now-simple/?src=ss</a>	Add-on is installed. (The black little bomb icon is also properly placed in the tabs bar)
3 Open several tabs with media content (with an enabled autoplay). Here are some helpful examples: - YouTube videos - <a href="https://www.youtube.com">https://www.youtube.com</a> - Yahoo videos - <a href="https://www.yahoo.com/music">https://www.yahoo.com/music</a> - Local radios from: <a href="http://tunein.com/">http://tunein.com/</a> - <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a> - <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html</a> - <a href="https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm">https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm</a>	All the videos are opened. Media is blocked only for the tabs that were opened in background Play Tab indicator is displayed for the tabs opened in background Sound indicator is displayed for the tabs where media is not blocked
4 Click on Crash your browser icon in the tabs bar and chose to Restart Firefox (don't forget to write "this is a test" as a comment in the crash dialog).	Firefox crashes and the Mozilla Crash Reporter dialog is displayed Firefox is Restored (if it was crashed more than once the Restore button will be also shown, clicking it - restores all the previous tabs) The tabs should be properly restored: - the pinned tabs should all be blocked (except for the one that is in focus, if any) - the normal tabs should not have the Play Tab indicator and neither have the Sound indicator. Only the Mute indicator is displayed (clicking on it does nothing since there is no content loaded in the tabs)

## 4. RTL

**C10944: Block Playback with RTL build**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

## Preconditions

Install an Arabic (ar) build from:

- nightly - <http://archive.mozilla.org/pub/firefox/nightly/latest-mozilla-central-l10n/>

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Open several videos of your choice (with enabled autoplay) E.g: - YouTube videos - <a href="https://www.youtube.com">https://www.youtube.com</a> - Yahoo videos - <a href="https://www.yahoo.com/music">https://www.yahoo.com/music</a> - Local radios from: <a href="http://tunein.com/">http://tunein.com/</a> - <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a> - <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html</a> - <a href="https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm">https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm</a>	All the videos are opened. Media is blocked only for the videos that were opened in background and were never focused (Play Tab indicator is displayed in this cases) Media is properly working on all the other tabs that were in focus
3 Click on the Play Tab indicator for one of the tabs with blocked media	Media is unblocked The Play tab indicator is replaced by the sound indicator
4 Close Firefox	Firefox is properly closed
5 Open Firefox and restore the previous session	Firefox is properly opened and restored - the pinned tabs that are not in focus have media blocked (Play Tab indicator is displayed) - the normal tabs (that are not in focus) do not have the Play Tab indicator and neither have the Sound indicator. Only the Mute indicator is displayed (clicking on it does nothing since there is no content loaded in the tabs)

## 5. Accessibility

**C10945: Block Playback when High Contrast is activated**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

## Preconditions

Enable a high contrast theme:

- Windows: Go to Personalise> Themes> Theme Settings and activate a High Contrast Theme.
- Ubuntu: Install "gnome-control-center"- System settings-Appearance
- do not run the test on Mac OS X

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Open several videos of your choice (with enabled autoplay) E.g: - YouTube videos - <a href="https://www.youtube.com">https://www.youtube.com</a> - Yahoo videos - <a href="https://www.yahoo.com/music">https://www.yahoo.com/music</a> - Local radios from: <a href="http://tunein.com/">http://tunein.com/</a> - <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a> - <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html</a> - <a href="https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm">https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm</a>	All the videos are opened. Media is blocked only for the videos that were opened in background and were never focused (Play Tab indicator is displayed in this cases) Media is properly working on all the other tabs that were in focus
3 Click on the Play Tab indicator for one of the tabs with blocked media	Media is unblocked The Play tab indicator is replaced by the sound indicator
4 Pin 2 or 3 tabs with blocked media content	Tabs are pinned Media is still blocked and the Play Tab indicator is still present
5 Close Firefox	Firefox is closed
6 Open Firefox and restore the previous session	Firefox is properly opened and restored - the pinned tabs that are not in focus have media blocked (Play Tab indicator is displayed) - the normal tabs (that are not in focus) do not have the Play Tab indicator and neither have the Sound indicator. Only the

Mute indicator is displayed (clicking on it does nothing since there is no content loaded in the tabs)

**C10957: Keyboard operations with blocked playback**

<b>Type</b>	<b>Priority</b>	<b>Estimate</b>	<b>References</b>
Other	Medium	None	None
<b>Automatable</b>			
No			

**Steps**

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Open several videos of your choice (with enabled autoplay) E.g: - YouTube videos - <a href="https://www.youtube.com">https://www.youtube.com</a> - Yahoo videos - <a href="https://www.yahoo.com/music">https://www.yahoo.com/music</a> - Local radios from: <a href="http://tunein.com/">http://tunein.com/</a> - <a href="https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm">https://videos.cdn.mozilla.net/uploads/beyond.the.limit.webmhd.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4">https://videos.cdn.mozilla.net/uploads/Visa%20Video.mp4</a> - <a href="https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm">https://videos.cdn.mozilla.net/uploads/Web_Developer_Tools_in_Firefox_Aurora_10.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/DPD%20-%20Frederik%20Richter.webm</a> - <a href="https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm">https://videos.cdn.mozilla.net/uploads/Videos%20creative/Update%20your%20software!.webm</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-1.html</a> - <a href="https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html">https://people-mozilla.org/~dglastonbury/block-playback/autoplay-test-2.html</a> - <a href="https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm">https://videos.cdn.mozilla.net/uploads/mozillaorg/Mozilla_2014_i_am.webm</a>	All the videos are opened. Media is blocked only for the videos that were opened in background and were never focused (Play Tab indicator is displayed in this cases) Media is properly working on all the other tabs that were in focus
3 Navigate through your tabs using the keyboard shortcut Ctrl+PageUp/PageDown on Windows/Linux and Cmd+Alt+left/right arrow on Mac OS X.	The focus is properly changed from one tab to the previous/next tab. Media is unblocked for all the videos as the navigation is done from one tan to another The Play Tab indicator is replaced by the sound indicator
4 Close Firefox	Firefox is closed
5 Open Firefox again	Firefox is successfully opened
6 In the first tab, navigate to YouTube	Navigation is allowed
7 Open 6 YouTube tabs in the background	Media is blocked for all the YouTube videos
8 Navigate through the YouTube videos using the keyboard shortcuts CTRL+1...7 on Windows, ALT+ 1...7 on Linux and CMD+1...7 on Mac OS X	The focus of the tabs is properly changed Media is unblocked as the tab is in focus The Play Tab indicator is replaced by the sound indicator.

## 6. Telemetry

**C12735: Check the TAB\_AUDIO\_INDICATOR\_USED parameter**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

## Preconditions

Close Firefox before running this test.

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is successfully opened
2 Navigate to about:telemetry -> Histograms and look for the TAB_AUDIO_INDICATOR_USED parameter	TAB_AUDIO_INDICATOR_USED parameter is not found
3 Open some videos of your choice in the background (at least 10)	Media is blocked for all the videos opened in the background. Play tab indicator is displayed for all the tabs with blocked media.
4 Unblock media for 3 videos by focusing the tabs	Media is unblocked. The sound indicator replaces the Play Tab indicator.
5 Go back to the about:telemetry tab, refresh the tab and look for the TAB_AUDIO_INDICATOR_USED parameter	The TAB_AUDIO_INDICATOR_USED parameter is displayed
6 Mute all the videos that were unblocked in step 4 (in the tab, click on the sound indicator to set the video to mute)	All the videos are properly muted
7 Go back to the about:telemetry tab, refresh the tab and look for the TAB_AUDIO_INDICATOR_USED parameter	The TAB_AUDIO_INDICATOR_USED is displayed, 3 columns are displayed.(0,2,3)
8 Unmute all the videos that were unblocked in step 4 (in the tab, click on the mute indicator to unmute the video)	All the videos are unmuted.
9 Go back to the about:telemetry tab, refresh the tab and look for the TAB_AUDIO_INDICATOR_USED parameter	The TAB_AUDIO_INDICATOR_USED is displayed, 4 columns are displayed.(0,1,2,3)
10 Unblock media by clicking on the Play Tab indicator for 3 tabs (do not focus the tab)	Media is unblocked. The sound indicator replaces the Play Tab indicator.
11 Go back to the about:telemetry tab, refresh the tab and look for the TAB_AUDIO_INDICATOR_USED parameter	The TAB_AUDIO_INDICATOR_USED is displayed, 4 columns are displayed.(0,1,2,3,4) . Columns 0,1,2,3 have 3 samples each, representing: 0 - the total amount a tab is Muted 1 - the total amount a tab is Unmuted 2 - the total amount of unblocking media via visiting tab 3 - the total amount of unblocking via clicking Play tab indicator.
12	

Mute, unmute, open more videos in the background and unblock the (via focusing directly on the tabs and via clicking on the Play Tab indicator) - Write down each operation done

All the operations are properly done

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Go back to the about:telemetry tab, refresh the tab and look for the TAB\_AUDIO\_INDICATOR\_USED parameter

The samples for the TAB\_AUDIO\_INDICATOR\_USED parameter modifies for each column accordingly with the extra operations done in step 12.

**C12737: Check the TAB\_MEDIA\_BLOCKING\_TIME\_MS parameter**

Type	Priority	Estimate	References
Other	Medium	None	None
<b>Automatable</b>			
No			

## Preconditions

Close Firefox before running this test.

## Steps

Step	Expected Result
1 Launch Firefox	Firefox is opened
2 Navigate to about:telemetry -> Histograms and look for the TAB_MEDIA_BLOCKING_TIME_MS parameter	Parameter is not displayed
3 Open some videos of your choice in the background (at least 10)	Media is blocked for all the videos opened in the background. Play tab indicator is displayed for all the tabs with blocked media.
4 Unblock media for a couple of videos (2-3 tabs)	Media is unblocked. The sound indicator replaces the Play Tab indicator.
5 Go back to the about:telemetry tab, refresh the tab and look for the TAB_MEDIA_BLOCKING_TIME_MS parameter	The TAB_MEDIA_BLOCKING_TIME_MS parameter is displayed, the number of the unblocked videos in the previous step is equivalent with the samples number.
6 In about:telemetry -> click on Copy button of the The TAB_MEDIA_BLOCKING_TIME_MS and paste the input in a text editor	<p>Paste input should look like:</p> <pre>TAB_MEDIA_BLOCKING_TIME_MS 4 samples, average = 23210.5, sum = 92842  21000   0 0% 22000  ##### 1 25% 23000  ##### 3 75% 24000   0 0%</pre> <p>the column from the left side represents the blocking time (the duration from blocking to unblocking) in miliseconds the right side represents the samples that enter in the same blocking time</p>
7 Open a new video in the background and track the time from the moment you open the new tab in the background until you unblock the video (the blocking time) - write down the time	
8 In about:telemetry -> click on Copy button of the The TAB_MEDIA_BLOCKING_TIME_MS and paste the input in a text editor	A new sample is added in the parameter TAB_MEDIA_BLOCKING_TIME_MS The blocking time from step 7 is added when comparing the current input paste with the input paste from step 6.



## 7. Regression tests

**C12924: Using the context menu, mute tab after media is blocked**

<b>Type</b> Other	<b>Priority</b> Medium	<b>Estimate</b> None	<b>References</b> None
<b>Automatable</b> No			

## Preconditions

Run only after [https://bugzilla.mozilla.org/show\\_bug.cgi?id=1330232](https://bugzilla.mozilla.org/show_bug.cgi?id=1330232) is fixed.

## Steps

	<b>Step</b>	<b>Expected Result</b>
1	Launch Firefox	Firefox is opened
2	Open a YouTube video in the background (do not focus that tab)	Media is blocked.
3	Focus the tab with the previously opened video - right click on it and from the context menu select Mute Tab	Sound is muted and video is resumed. (Play Tab indicator is replaced by the Mute indicator)