

Firefox for Android (a.k.a. Fennec)

Petr Marek

FEL CTU
A4M35OSP
2015/2016



Fennec - intro

- =codename (fennec fox - small desert fox)
- Mobile Firefox browser for Android (from 2.3) and iOS devices
- Uses the same Gecko layout engine as Mozilla Firefox
- Development since 2011 - present
- Stable release 45.0.1 (March 16, 2016)

| quarter | merge date | central | aurora | beta | release date | release | ESR |
|---------|------------|------------|------------|------------|--------------|----------------|--------------------|
| Q2 | 2016-04-18 | Firefox 49 | Firefox 48 | Firefox 47 | 2016-04-19 | Firefox 46 | Firefox 38.8; 45.1 |
| | 2016-06-06 | Firefox 50 | Firefox 49 | Firefox 48 | 2016-06-07 | Firefox 47 | Firefox 45.2 |
| Q3 | 2016-08-01 | Firefox 51 | Firefox 50 | Firefox 49 | 2016-08-02 | Firefox 48 | Firefox 45.3 |
| | 2016-09-12 | Firefox 52 | Firefox 51 | Firefox 50 | 2016-09-13 | Firefox 49 | Firefox 45.4 |
| Q4 | 2016-11-07 | Firefox 53 | Firefox 52 | Firefox 51 | 2016-11-08 | Firefox 50 | Firefox 45.5 |
| | | | | | 2016-12-13 | Firefox 50.0.1 | Firefox 45.5.1 |
| Q1 | 2017-01-23 | Firefox 54 | Firefox 53 | Firefox 52 | 2017-01-24 | Firefox 51 | Firefox 45.6 |

Fennec - guts

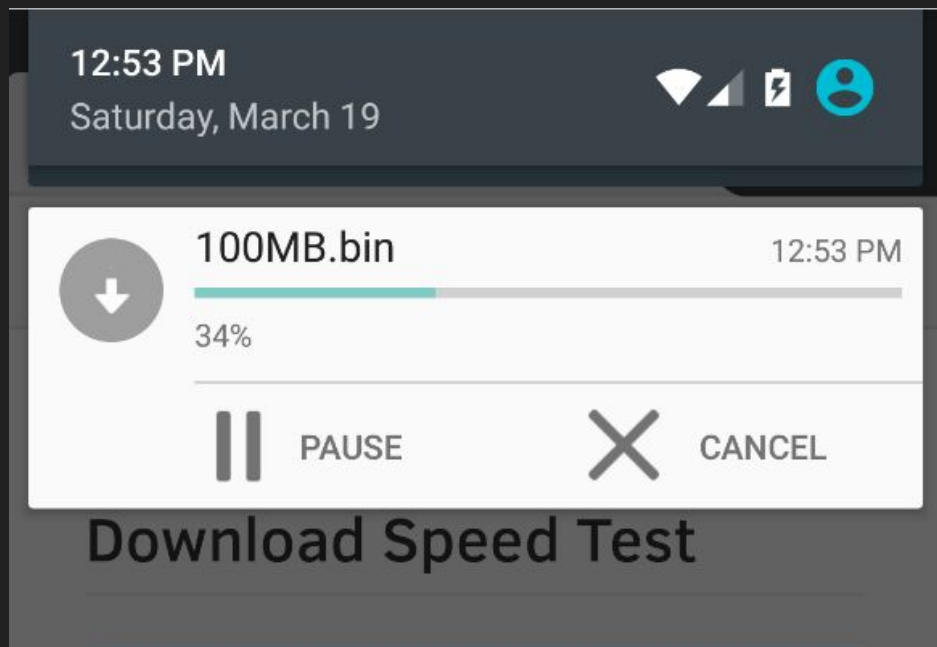
- Written in:
 - C++
 - Java
 - XUL (XML User Interface by Mozilla)
 - JSM (JavaScript code modules)
- JSM - sharing code for privileged JS scopes

Fennec devs & comm

- Bugs - bugzilla.mozilla.org
- Communication
 - bugzilla comments
 - IRC
 - forum todo odkazy
- Devs hierarchy - meritocracy, divided to roles:
 - mentors
 - release drivers
 - ultimate decision-makers
 - ...

Bug #1111663 [lang=js] [good first bug]

Bug 1111663 - [JavaScript Error: "TypeError: button.onClicked is not a function" {file: "resource://gre/modules/Notifications.jsm" line: 236}]



Communication with mentor (bugzilla)

Bugzilla will undergo site maintenance on Saturday, March 26th, at 9:00 AM PDT (4:00 PM UTC) for a period of two hours. The site may be unavailable during this time.

Bug 1111663 - JavaScript error: "TypeError: button.onClicked is not a function" [file: "resource://gre/modules/Notifications.jsm" line: 236] (edit)

Status: [NEW](#) (edit)

Whiteboard: [\[lang=js\]\[good first bug\]](#)

Keywords: [regression](#)

Product: [Firefox for /4](#) ([show info](#))

Component: [General](#) ([show other bugs](#)) ([show info](#))

Version: [35 Branch](#)

Platform: [All](#) ([Android](#))

Importance: [---](#) [normal](#) ([vote](#))

Target Milestone: [---](#)

Assigned To: [Petr Marek](#) (edit)

QA Contact: [\(edit\)](#) ([take](#))

Mentors: [Margaret Leibovic](#)
[Wesley Johnston \(wesj\)](#) (edit)

URL:

Depends on:

Blocks: [494498](#) (edit)
[Show dependency tree / graph](#)

[What do these fields mean?](#)

Attachments

- [Screen Shot 2016-03-15 at 23:38:25.png](#) (130.55 KB, image/png)
 2016-03-15 15:38 PDT, [Petr Marek](#)
- [bug_1111663_vS.patch](#) marekp1: review? ([Margaret Leibovic](#)) [Details](#) | [Diff](#) | [Review](#)
 (1.12 KB, patch)
 2016-03-18 13:04 PDT, [Petr Marek](#)
- [Add an attachment \(proposed patch, testcase, etc.\)](#) [Show Obsolete \(5\)](#) [View All](#)

Summon comment box

User Story

- [Margaret Leibovic](#) - 2014-12-15 09:08:39 PST [Description](#) [[reply](#)] [1](#) -
- I saw this error in the console. It looks like this line should use 'onButtonClicked':
<http://hg.mozilla.org/mozilla-central/annotate/a25d683f8385/mobile/android/modules/Notifications.jsm#l236>
 fedepaol or wesj, is there a test for this, or a good way to test this?
- Flags: [needinfo\(wjohnston@mozilla.com\)](#)
 Flags: [needinfo\(fedepaol@gmail.com\)](#)
- [Federico Paolinelli](#) - 2014-12-16 16:40:57 PST [Comment 1](#) [[reply](#)] [1](#) -
- Isn't it fixed by this
<https://hg.mozilla.org/mozilla-central/rev/1ab5f84fa165#l3.13> ?
- The problem was that the button object passed to the notification api does not have a onClicked callback anymore since click events are handled by those handled objects.
- The way to test would be just to click on a button of the download notification (ie pause or resume).
- Flags: [needinfo\(fedepaol@gmail.com\)](#)
- [Margaret Leibovic](#) - 2014-12-16 16:52:22 PST [Comment 2](#) [[wrap](#)] [[reply](#)] [1](#) -
- (In reply to Federico Paolinelli from [comment #1](#))
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 > <https://hg.mozilla.org/mozilla-central/rev/1ab5f84fa165#l3.13> ?
- Not necessarily, if onClicked is defined, but not a function. I actually saw this while testing with that patch applied.
- > The problem was that the button object passed to the notification api does
 > not have a onClicked callback anymore since click events are handled by
 > those handled objects.

with mentor (bugzilla)

gzzilla@Mozilla

Home New Browse Search [input type="text"/> Search [help] Reports My Dashboard Product Dashboard

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Bug 1111663 - JavaScript error: "TypeError: button.onClicked is not a function" [file: "resource://gre/modules/Notification.jsm"]

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Whiteboard: [lang:js]good first bug

Keywords: regression

Product: Firefox for Android (show info)

Component: General (show other bugs) (show info)

Version: 35 Branch

Platform: All (Android)

Importance: normal (vote)

Target Milestone: ---

Assigned To: Petr Marek (edit)

QA Contact: (edit) (take)

Mentors: Margaret Leibovic Wesley Johnston (wesj) (edit)

URL: [input type="text"/>

Depends on: [input type="text"/>

Blocks: 499498 (edit)

Show dependency tree / graph

What do these fields mean?

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2016-03-18 13:04 PDT, Petr Marek

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fedepaol or wesj, is there a test for this, or a good way to test this?

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The way to test would be just to click on a button of the download notification (ie pause download)

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(In reply to Federico Paolinelli from comment #1)

> Isn't it fixed by this `https://hg.mozilla.org/mozilla-central/rev/1ab5f84fa165#l13.13`?

Not necessarily, if `onClicked` is defined, but not a function. I actually saw this while a patch applied.

> The problem was that the button object passed to the notification api does not have a `onClicked` callback anymore since click events are handled by those handled objects.

Could you point me to the code which does this? I'm confused about which ends up with an onClicked property in the first place, since I don't see us setting that anywhere in the tree.

Margaret Leibovic - 2014-12-16 17:01:30 PST

Ah, I did some digging, and it looks like this is a regression from `bug-1084495`. `https://hg.mozilla.org/mozilla-central/rev/6ee33ba17b5`

Keywords: regression

Blocks: 499498

No longer blocks: 499992

Wesley Johnston (wesj) - 2014-12-19 10:24:24 PST

We probably just need a check for this method (in order to maintain backwards compat in this API. We should put some error logging in here to notify people of the deprecated API as well (and then we can deprecate it).

Flags: needinfo(wjohnston@mozilla.com)

Mentor: wjohnston@mozilla.com

Margaret Leibovic - 2015-01-30 08:42:47 PST

Whiteboard: [lang:js] → [lang:js]good first bug

Petr Marek - 2016-03-07 06:29:14 PST

Hi, can I take this as my first bug fix?

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(In reply to Petr Marek from comment #5)

> Hi, can I take this as my first bug fix?

Sure, go for it! If you don't have a build set up yet, you should follow instructions here: `https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build`

Next, you should try to reproduce this error locally to understand what's going on

After that, you should write a patch with the fix suggested above, and attach it to this bug for review: `https://developer.mozilla.org/en-US/docs/Mercurial/Using_Mercurial#How_can_I_generate_a_patch_for_somebody_else_to_check-in_for_me.3F`

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OK I'm in. I'm setting it all up, I'll let know my progress. thx

Petr Marek - 2016-03-09 03:35:22 PST

I've followed (frontend build) `https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/` but I have troubles to build it. Complete output of `./mach build, .mozconfig` and `.hgrc` is here: `http://pastebin.com/eTjyJr8q`.

Can you please navigate where I should start to resolve this issue (mozilla wiki, known issues...)?

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(In reply to Petr Marek from comment #8)

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These are the docs I normally encourage people to follow: `https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build`

It's not immediately obvious to me what your build problem is. You should join #mobile on `irc.mozilla.org` for realtime help debugging your build issue.

illa)

bugzilla@mozilla.com

Home New Browse Search [] [Search] [help] [Reports] [My Dashboard] [Product Dashboard]

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Product: Firefox for Android (show info)

Component: General (show other bugs) (show info)

Version: 35 Branch (v)

Platform: All (v) (Android) (v)

Importance: normal (v) (vote)

Target Milestone: --- (v)

Assigned To: Petr Marek (edit)

QA Contact: (edit) (take)

Mentors: Margaret Leibovic (v) Wesley Johnston (wesj) (v) (edit)

URL: []

Depends on: []

Blocks: 604498 (edit)

Show dependency tree / graph

What does this field mean?

Attachments

Screen Shot 2016-03-15 no flags Details

TS at 23:18:25.png (130.5 KB, image/png)

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bug_111663_v5.patch marekp11: review? (margaret.leibovic) Details | Diff | Review (1.12 KB, patch)

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Not necessarily, if onClicked is defined, but not a function. I actually saw this while a patch applied.

> The problem was that the button object passed to the notification api does not have a onClicked callback anymore since click events are handled by those handled objects.

Could you point me to the code that does this? I'm curious to see the property in the first place, and I don't see it as a regression.

Margaret Leibovic - 2014-12-16 17:01:30 PST

Hi, I did some digging, and it looks like this is a regression. I'm not sure if it's a regression or not, but it looks like this is a regression.

Whiteboard: [lang=js]good first bug

Keywords: regression

Blocks: 604498

No longer blocks: 609992

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Sure, go for it! If you don't have a build set up yet, https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build

Next, you should try to reproduce this error locally in a clean build.

After that, you should write a patch with the fix suggested in the comment above.

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> attach it to this bug for review: https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build

> Using Mercurial/How can I generate a patch for some file in the repo?

OK I'm in. I'm setting it all up, I'll let you know my progress.

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These are the docs I normally encourage people to follow: https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build

It's not immediately obvious to me what your build process is, but it's not immediately obvious to me what your build process is for real-time help debugging your build issue.

Flags: needinfo?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-10 17:02:33 PST

My issue with build was because of the exFAT drive I cloned the repo on. Main indicator that something wasn't right was repo's size 5661. There was a problem with symlink creation and build silently crashed. Now on OS X Extended drive it looks OK (4.56GiB), run OK.

Petr Marek - 2016-03-13 09:45:15 PDT

Created attachment 8720984 [details] [diff] [review]

patch for Bug 111663

I added suggested tests whether is it a function for both properties (button.onClicked, button.onButtonClicked). Adding log message was also suggested, but I only found this way to log, not sure that this is suitable for deprecation warning (or other type?): "Services.console.logStringMessage(msg)". Is there a convention for log messages format?

Tlx for your review.

Attachment 8720984 - Flags: review-

Margaret Leibovic - 2016-03-14 07:34:06 PDT

Comment on attachment 8720984 [details] [diff] [review]

patch for Bug 111663

You should request review from a reviewer, not set review+ yourself. In the case, I'm an appropriate reviewer.

Attachment 8720984 - Flags: review+ -> review?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-14 10:46:15 PDT

Yes, sorry, I did not fully understand that flag. So, will you give me a feedback?

Margaret Leibovic - 2016-03-14 14:45:27 PDT

Comment on attachment 8720984 [details] [diff] [review]

patch for Bug 111663

Review of attachment 8720984 [details] [diff] [review]:

```

::: mobile/android/modules/Notifications.jsm
@@ +240,5 @@
+ > if(button.onClicked instanceof Function){
+ >     button.onClicked(id, notification._cookie);
+ > }
+ > if(button.onButtonClicked instanceof Function) {
+ >     button.onButtonClicked(id, notification._cookie);

```

It's been a while since I've looked at this code... can you remind me where this 'onButtonClicked' method comes from? Is that something that add-on authors declare? I don't see this defined anywhere in the tree.

Margaret Leibovic - 2016-03-15 10:39:11 PDT

Flags: needinfo?(marekp11@fel.cvut.cz)

Petr Marek - 2016-03-15 15:38:59 PDT

Created attachment 8730949 [details]

Screen Shot 2016-03-15 at 23:18:25.png

(In reply to Margaret Leibovic from comment #14)

> Comment on attachment 8720984 [details] [diff] [review]

> patch for Bug 111663

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> > this 'onButtonClicked' method comes from? Is that something that add-on
> > authors declare? I don't see this defined anywhere in the tree.

```

Actually you mentioned it in the first comment of this bug so I supposed that should be a check for this method. As I looked at the code, it does not seem that this 'onButtonClicked' method is used. Please see the attachment. In the screenshot there is an output of the 'Find in path..' for this method. I think that the relevant code here is only my check for method existence and line 'onButtonClicked: ignoreEvent(context, "notifications.onButtonClicked")' which does not make much sense to me as I don't know the code base. Maybe the method is actually ignored or left in the code base for compatibility reasons as mentioned Federico Paolinelli?

Flags: needinfo?(marekp11@fel.cvut.cz) -> needinfo?(margaret.leibovic@gmail.com)

Home New Browse Search [] [Search] [help] Reports My Dashboard Product Dashboard

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Next, you should try to reproduce this error locally:

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Flags: needinfo?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-09 03:35:22 PST

I've followed (frontend build) https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build

Can you please navigate where I should start to resolve this?

Flags: needinfo?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-10 09:05:13 PST

(In reply to Petr Marek from comment #8)

> I've followed (frontend build) https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build

> > troubles to build it. Complete output of `./mach build` is here: <https://pastebin.com/e7y3r8g>.

> Can you please navigate where I should start to resolve this, known issues...?

These are the docs I normally encourage people to follow: https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_for_Android_build

It's not immediately obvious to me what your build process for realtime help debugging your build issue.

Wesley Johnston (wesj) - 2016-03-10 17:02:33 P

My issue with build was because my repo's size wasn't right was repo's size! Now on OS X Extended drive it works

Flags: needinfo?(wjohnston@mozilla.com)

Margaret Leibovic - 2016-03-13 09:45:15 P

Created attachment 8720984 [details] patch for Bug 111663

I added suggested tests whether `button.onButtonClicked`. Adding this is suitable for deployment as there is a convention for logging for your review.

Attachment #8720984 - Flags: review-

Margaret Leibovic - 2016-03-14 07:04:07 P

Comment on attachment 8720984 patch for Bug 111663

You should request review from reviewers.

Attachment #8720984 - Flags: review-

Petr Marek - 2016-03-14 10:46:15 P

Yes, sorry, I did not fully understand

Margaret Leibovic - 2016-03-14 10:46:15 P

Comment on attachment 8720984 patch for Bug 111663

Review of attachment 8720984

```

::: mobile/android/modules/Notifications.jsm
@@ +240,5 @@
+         if(button.onClicked instanceof Function){
+             button.onClicked(id, notification_cookie);
+         }
+         if(button.onButtonClicked instanceof Function){
+             button.onButtonClicked(id, notification_cookie);
+         }

```

Looking at the code, it looks like I probably made a typo and meant to say 'onButtonClick'.

I understand that you're not familiar with the codebase, but it's been a long time since I've looked at this myself. Part of the job of fixing a bug is diving in to take a look around and justify the change you made.)

Looking at the documentation, I see that 'onClick' and 'onButtonClick' are actually two different supported notification handler methods: https://developer.mozilla.org/en-US/Add-ons/Firefox_for_Android/API/Notifications.jsm

And you can see how we use them in `DownloadNotification.jsm`: <http://mxr.mozilla.org/mozilla-central/source/mobile/android/modules/DownloadNotifications.jsm#148>

Spending even more time thinking about this code and the documentation, I'm not even sure why we have this `button.onClicked` call at all here... seems like it should be removed.

Looking in our add-ons MXR, I don't even see any add-ons using `Notifications.jsm`, so we don't need to worry about add-on compatibility, but should think about how this is being used in our app itself.

In conclusion, you should just remove this button click code from the bottom of this case statement, and you should help update the documentation on MDN to make it clearer how this module is actually used.

Flags: needinfo?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-16 14:21:01 PDT

Comment on attachment 8720984 [details] [diff] [review] patch for Bug 111663

Review of attachment 8720984 [details] [diff] [review]:

```

::: mobile/android/modules/Notifications.jsm
@@ +231,4 @@
+         });
+     });
+     if (notification && !notification.buttons) {
+         // ...

```

Actually you mentioned it in your method. As I looked at the code, I see the attachment. I think that the relevant code is `notification.buttons`. Please see the attachment. I mentioned Federico Paolinelli's suggestion to remove this and everything below it in this case statement.

Attachment #8720984 - Flags: review?(margaret.leibovic@gmail.com) -> review-

(In reply to Petr Marek from comment #7)

> Created attachment 8730949 [details]

> Screen Shot 2016-03-15 at 23.18.25.png

> (In reply to Margaret Leibovic from comment #14)

> > Comment on attachment 8720984 [details] [diff] [review]

> > patch for Bug 111663

> > Review of attachment 8720984 [details] [diff] [review]:

> > > ::: mobile/android/modules/Notifications.jsm

> > > @@ +240,5 @@

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> > > button.onClicked(id, notification_cookie);

> > > }

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> > > }

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> > > > this 'onButtonClicked' method comes from? Is that something that add-on

> > > > authors declare? I don't see this defined anywhere in the tree.

> > > > Actually you mentioned it in the first comment of this bug so I supposed

> > > > that should be a check for this method. As I looked at the code, it does not

> > > > seem that this 'onButtonClicked' method is used.

> > > > Please see the attachment. In the screenshot there is an output of the 'Find

> > > > in path...' for this method. I think that the relevant code here is only my

> > > > > check for method existence and line 'onButtonClicked: ignoreEvent(context,

> > > > > "notifications.onButtonClicked")' which does not make much sense to me as I

> > > > don't know the code base. Maybe the method is actually ignored or left in

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Flags: needinfo?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-16 14:21:01 PDT

Comment on attachment 8720984 [details] [diff] [review] patch for Bug 111663

Review of attachment 8720984 [details] [diff] [review]:

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::: mobile/android/modules/Notifications.jsm
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+         });
+     });
+     if (notification && !notification.buttons) {
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Attachment #8720984 - Flags: review?(margaret.leibovic@gmail.com) -> review-

Bugzilla will undergo site maintenance on Saturday, March 26th, at 9:00 AM PDT (4:00 PM UTC) for a period of two hours.

Bug 111663 - JavaScript error: "TypeError: button.onClicked is not a function" [file: "resource://gre/modules/Notification.jsm"]

Status: NEW (edit)

Whiteboard: [lang=js][good first bug]

Petr Marek - 2016-03-16 15:58:49 PDT (In reply to :Margaret Leibovic from comment #17)

> Comment on attachment 8720984 [details] [diff] [review]

> patch for Bug 111663

> Review of attachment 8720984 [details] [diff] [review]:

>> -----

>> ::: mobile/android/modules/Notifications.jsm

>> @@ +231,4 @@

>> });

>> }

>> if (notification && !notification._buttons) {

>> }

>> } You can remove this and everything below it in this case statement.

I looked at the code and documentation closely and for pre 33 there are 'aOptions.onCancel' and 'aOptions.onCancel' methods. If I understand correctly these could be defined. In documentation I don't see precise format proposed; that id should 'onClick(id, cookie)' and 'onCancel(id, cookie)' as it is used like that (at least 'onCancel' in case "notification-closed").

So I proposed new patch considering this. But if I should rather remove that my last modification and update documentation that 'onCancel' and 'onClick' from options are not used anymore I will do it. But case "notification-closed" should be also modified ino.

Flags: needinfo?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-16 16:00:07 PDT (Comment 19 [reply] [-])

> Created attachment 8731460 [details] [diff] [review]

> bug_111663_v2.patch

Flags: needinfo?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-17 08:21:07 PDT (Comment 20 [wrap] [reply] [-])

(In reply to Petr Marek from comment #18)

>> (In reply to :Margaret Leibovic from comment #17)

>> > Comment on attachment 8720984 [details] [diff] [review]

>> > patch for Bug 111663

>> > Review of attachment 8720984 [details] [diff] [review]:

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>> >> ::: mobile/android/modules/Notifications.jsm

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>> >> As the documentation says, this is for old versions of Firefox (before 33), so this is deprecated. Let's

>> >> remove it.

>> Petr Marek - 2016-03-17 12:00:45 PDT (Comment 21 [reply] [-])

>> Created attachment 8731827 [details] [diff] [review]

>> onClicked removed

>> The problem was that the b

>> > not have a onClicked callb

>> >> to those handled objects.

Could you point me to the code that does this? I'm not property in the first place, since I don't see us sett

Margaret Leibovic - 2014-12-16 17:03:30 PST

Ah, I did some digging, and it looks like this is a r

https://hg.mozilla.org/mozilla-central/rev/6ee3c3ba17

Keywords: regression

Blocks: 999495

No longer blocks: 999999

Comment 18 [wrap] [reply] [-]

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> a convention for log

> your review.

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on attachment 8720984

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ret Leibovic - 2016-03-14 10:46:15 P

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ret Leibovic - 2016-03-14 14

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ret Leibovic - 2016-03-15 10

dinfo?(marek11@fel.cvut.cz)

ret Leibovic - 2016-03-15 15:38:59 P

attachment 8730949 [de

Shot 2016-03-15 at 23:

ly to :Margaret Leibovi

on attachment 872099

> Bug 111663

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Flags: needinfo?(margaret.leibovic@gmail.com)

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Created attachment 8720984 [de

patch for Bug 111663

Flags: review?(margaret.leibovic@gmail.com) - review-

ret Leibovic - 2016-03-14 07

on attachment 8720984

> Bug 111663

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(In reply to Petr Marek from comment #17)

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>> (In reply to :Margaret Leibovic from comment #14)

>> > Comment on attachment 8720984 [details] [diff] [review]

>> > patch for Bug 111663

>> > Review of attachment 8720984 [details] [diff] [review]:

>> >> -----

>> >> ::: mobile/android/modules/Notifications.jsm

>> >> @@ +240,5 @@

>> >> if (button.onClicked instanceof Function) {

>> >> button.onClicked(id, notification._cookie);

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And you can see how we use them in DownloadNotification:

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Flags: needinfo?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-16 14:20:13 PDT (Comment 17 [wrap] [reply] [-])

> Comment on attachment 8720984 [details] [diff] [review]

> patch for Bug 111663

Review of attachment 8720984 [details] [diff] [review]:

>> -----

>> >> ::: mobile/android/modules/Notifications.jsm

>> >> @@ +231,4 @@

>> >> });

>> >> }

>> >> if (notification && !notification._buttons) {

>> >> }

>> >> } You can remove this and everything below it in this case statement.

Attachment #8720984 - Flags: review?(margaret.leibovic@gmail.com) - review-

gql@mozilla

Home New Browse Search [] [Search] [help] Reports My Dashboard Product Dashboard

Bugzilla will undergo site maintenance on Saturday, March 26th, at 9:00 AM PDT (4:00 PM UTC) for a period of two hours.

Bug 111663 - JavaScript error: "TypeError: button.onClicked is not a function" [file: "resource://gre/modules/Notification...]

Status: NEW (edit)

Whiteboard: [lang-js][good first bug]

Petr Marek - 2016-03-16 15:58:49 PDT
(In reply to :Margaret Leibovic from comment #17)
> Comment on attachment-8720984 [details] [diff] [review]
> patch for Bug 111663
> Review of attachment-8720984 [details] [diff] [review]:

```

::: mobile/android/modules/Notifications.jsm
@@ +231,4 @@
>>     });
>>     }
>>     if (notification && !notification._buttons) {
>>         // You can remove this and everything below it in this case statement.

```

I looked at the code and documentation closely and for pre 33 there are 'aOptions.onCancel' methods. If I understand correctly these could be defined precisely as proposed; that id should 'onClick(id, cookie)' and 'onCancel' that (at least 'onCancel' in case 'notification-closed').

So I proposed new patch considering this. But if I should rather remove the update documentation that 'onCancel' and 'onClick' from options are not use "notification-closed" should be also modified ino.

Flags: needinfo?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-16 16:00:07 PDT
Created attachment-8731460 [details] [diff] [review]
bug_111663_v2.patch

Flags: needinfo?(margaret.leibovic@gmail.com)

:Margaret Leibovic - 2016-03-17 08:21:07 PDT
(In reply to Petr Marek from comment #18)
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>> Comment on attachment-8720984 [details] [diff] [review]
>> patch for Bug 111663
>> Review of attachment-8720984 [details] [diff] [review]:

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Petr Marek - 2016-03-17 12:00:45 PDT
Created attachment-8731827 [details] [diff] [review]
onClick removed

Not necessarily, if onClicked patch applied.

> The problem was that the b...
> > have a onClicked callb...
> > those handled objects.

Could you point me to the property in the first p...
Attachment-8731827 - Flags: review?(margaret.leibovic@gmail.com)

:Margaret Leibovic - 2016-03-16 20:14:11
Ah, I did some digging, a...
https://hg.mozilla.org/mo...
Keywords: regression
Blocks: 599445
No longer blocks: 509992

Petr Marek - 2016-03-18 07:24:51 PDT
Created attachment-8732162 [details] [diff] [review]
bug_111663_v4.1.patch

Not sure how should I correctly combine my consequent (read bunch of mozilla docs), created with cmd: hg diff -r bug_111663.patch -r bug_111663_v2.patch -r bug_111663_v3.patch > bug_111663_v4.1.patch

Attachment-8732162 - Flags: review?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-18 07:26:05 PDT
Created attachment-8732168 [details] [diff] [review]
bug_111663_v4.2.patch

Not sure how should I correctly combine my consequent (read bunch of mozilla docs), created with cmd: hg export --output bug_111663_v4.2.patch -r bug_111663.patch -r bug_111663_v2.patch -r bug_111663_v3.patch

Attachment-8732168 - Flags: review?(margaret.leibovic@gmail.com)

:Margaret Leibovic - 2016-03-18 09:25:10 PDT
The goal is to make a single diff file that shows the difference between the mozilla-repo tree you pulled, and the changes you want to make. As you can see from the files you attached, that's not the case for those files.

I'm not sure what your tree looks like, so it's hard to give exact steps for you to create this patch. Did you use hg commit to make commits? Or are you using mercurial queues? If the former, you can use the histedit extension to fold commits together. If the latter, you should look up the qfold command.

:Margaret Leibovic - 2016-03-18 09:25:47 PDT
Attachment-8732168 - Flags: review?(margaret.leibovic@gmail.com)

:Margaret Leibovic - 2016-03-18 09:26:23 PDT
Comment on attachment-8732162 [details] [diff] [review]
bug_111663_v4.1.patch

Review of attachment-8732162 [details] [diff] [review]:

```

::: mobile/android/modules/Notifications.jsm
@@ -242,5 @@
>>     }
>>     if(button.onButtonClicked instanceof Function) {
>>         button.onButtonClicked(id, notification._cookie);
>>     }

```

Apologies, I only looked at the second commit, this one actually looks like it's doing the right thing.

Attachment-8732162 - Flags: review?(margaret.leibovic@gmail.com) - review+

:Margaret Leibovic - 2016-03-18 09:27:09 PDT
Attachment-8732168 - Attachment is obsolete: true

:Margaret Leibovic - 2016-03-18 09:27:19 PDT
Attachment-8731827 - Attachment is obsolete: true

:Margaret Leibovic - 2016-03-18 09:28:48 PDT
You should generate a patch with an appropriate commit message, then attach that to the patch to get checked in. Here are details about how to do that:
https://developer.mozilla.org/en-US/docs/Mercurial/Using_Mercurial#How_can_I_generate_a_patch_for_somebody_else_to_check-in_for_me.3F

You should also mark old versions of patches as obsolete when you upload new ones.

Assignee: nobody@mozilla.org -> marekpt1@felcvut.cz

Comment 23 [reply] [-]

4)
+ [review]

[review]:

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Comment 17 [wrap] [reply] [-]

review]

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Attachment-8720984 - Flags: review?(margaret.leibovic@gmail.com) - review-

Bugzilla will undergo site maintenance on Saturday, March 26th, at 9:00 AM PDT (4:00 PM UTC) for a period of two hours.

Bug 111663 - JavaScript error: "TypeError: button.onClicked is not a function" [file: "resource://gre/modules/Notification.jsm"]

Status: NEW (edit) Whiteboard: [lang=js][good first bug]

Petr Marek - 2016-03-16 15:58:49 PDT (In reply to :Margaret Leibovic from comment #17) > Comment on attachment 8720984 [details] [diff] [review]

> patch for Bug 111663 > Review of attachment 8720984 [details] [diff] [review]:

```
---
+++ mobile/android/modules/Notifications.jsm
@@@ +231,4 @@@
>>     });
>>     }
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>>     }
>> }
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>> You can remove this and everything below it in this case statement.
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>> You can remove this and everything below it in this case statement.
```

I looked at the code and documentation closely and for pre 33 there are 'a'adptions.onCancel' and 'a'adptions.onClicked' methods. If I understand correctly these could be defined. In documentation I don't see precise format proposed; that id should 'onClick(id, cookie)' and 'onCancel' as it is used like that (at least 'onCancel' in case 'notification-closed').

So I proposed new patch considering this. But if I should rather remove that as my last modification and update documentation that 'onCancel' and 'onClicked' from options are not used anymore I will do it. But case 'notification-closed' should be also modified ino.

As the documentation says, this is for old versions of Firefox (before 33), so this is deprecated. Let's remove it.

Petr Marek - 2016-03-17 12:00:45 PDT Created attachment 8731827 [details] [diff] [review] onClicked removed

> The problem was that the b > not have a onClicked callb > those handled objects.

Could you point me to the property in the first pl

Margaret Leibovic - 2016-11-18, I did some digging, r https://hg.mozilla.org/m

Keywords: regression Blocks: 599445 No longer blocks: 509992 Attachment #8731827 - Flags: review?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-18 07:24:51 PDT Created attachment 8732162 [details] [diff] [review] bug_111663_v4.1.patch

Not sure how should I correctly combine my consequent diff -r bug_111663.patch -r bug_111663_v2.patch -r b Attachment #8732162 - Flags: review?(margaret.leibovic@gmail.com)

Petr Marek - 2016-03-18 07:26:05 PDT Created attachment 8732168 [details] [diff] [review] bug_111663_v4.2.patch

Not sure how should I correctly combine my consequent export --output bug_111663_v4.2.patch-r bug_111663.p Attachment #8732168 - Flags: review?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-18 09:25:10 PDT The goal is to make a single diff file that shows the and the changes you want to make. As you can see from files.

I'm not sure what your tree looks like, so it's hard t you use hg commit to make commits? Or are you using me histedit extension to fold commits together. If the la Attachment #8732168 - Flags: review?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-18 09:25:47 PDT Attachment #8732168 - Flags: review?(margaret.leibovic@gmail.com)

Margaret Leibovic - 2016-03-18 09:26:23 PDT Comment on attachment 8732162 [details] [diff] [review] bug_111663_v4.1.patch

Review of attachment 8732162 [details] [diff] [review]:

```
---
+++ mobile/android/modules/Notifications.jsm
@@@ -242,5 @@@
>>     }
>>     if (button.onButtonClicked instanceof Func
>>         button.onButtonClicked(id, notification
>>     }
>> }
```

Apologies, I only looked at the second commit, this on Attachment #8732162 - Flags: review?(margaret.leibovic@gmail.com) -> r

Margaret Leibovic - 2016-03-18 09:27:09 PDT Attachment #8732168 - Attachment is obsolete: true

Margaret Leibovic - 2016-03-18 09:27:19 PDT Attachment #8731827 - Attachment is obsolete: true

Margaret Leibovic - 2016-03-18 09:28:48 PDT You should generate a patch with an appropriate comm checked in. Here are details about how to do that: https://developer.mozilla.org/en-US/docs/Mercurial/Using_Mercurial#How_can_I_generate_a_patch_for_somebody_else_to_check_in_for_me.3F

You should also mark old versions of patches as obsolete when you upload new ones.

Assignee: nobody@mozilla.org -> marek11@felvcvt.cz

Comment 21 [reply] [-] dinfo@marek11@felvcvt.cz

(In reply to Petr Marek from comment #28)

> Please, let me know how should I proceed with update of the documentation.

MDN is a wiki, so you can make an account and propose changes to this page: https://developer.mozilla.org/en-US/Add-ons/Firefox_for_Android/API/Notifications.jsm

I would replace references to "NotificationHandler" with something like "handler object isn't actually a NotificationHandler type defined anywhere. I would also explain what expected or supported in that object.

Additionally, I think we can get rid of references to things that were deprecated in F a very long time ago, and it's not at all supported anymore.

Keywords: checkin-needed

Pulsebot - 2016-03-21 11:28:50 PDT

https://hg.mozilla.org/integration/fx-team/rev/93955ff309b7

Keywords: checkin-needed

Carsten Book [Tomcat] - 2016-03-22 04:15:59 PDT

bugherder

https://hg.mozilla.org/mozilla-central/rev/93955ff309b7

Status: NEW -> RESOLVED Resolution: --- -> FIXED Target Milestone: --- -> Firefox 48 Last Resolved: 2016-03-22 04:15:59 PDT status-firefox48: --- -> fixed

Comment 17 [wrap] [reply] [-] view]

view]:

```
---
+++ mobile/android/modules/Notifications.jsm
@@@ +231,4 @@@
>>     });
>>     }
>>     if (notification && !notification._buttons) {
>>     }
>> }
```

You can remove this and everything below it in this case statement.

Attachment #8720984 - Flags: review?(margaret.leibovic@gmail.com) -> review-

Lastest patch (release in 48.0a1)

```
bug_1111663_v5.patch [----] 0 L: [ 1+ 0 1/ 34] *(0 /1147b) 35 0x023
HG changeset patch
# User Petr Marek <marekp11@fel.cvut.cz>
# Parent 9c5d494d05485aebf3fedf649abc0e7ae9d2dcf2
Bug 1111663 - Removed calling of an obsolete onClicked method.

diff --git a/mobile/android/modules/Notifications.jsm b/mobile/android/modules/Notifications.jsm
--- a/mobile/android/modules/Notifications.jsm
+++ b/mobile/android/modules/Notifications.jsm
@@ -226,24 +226,16 @@ var Notifications = {
     break;
     case "notification-button-clicked":
       if (handlerKey) {
         _handlersMap[handlerKey].forEach(function(handler) {
           handler.onButtonClick(data.buttonId, cookie);
         });
       }

       if (notification && !notification._buttons) {
         break;
       }

       let button = notification._buttons[data.buttonId];
       if (button && button.onClicked) {
         button.onClicked(id, notification._cookie);
       }
       break;
     case "notification-cleared":
     case "notification-closed":
```

Learned tips

- Do **not** clone a repo to **exFAT** filesystem
 - 4.5GiB -> 56GiB
 - No symlinks
- Use **IRC** for real-time communication
- When contributing to mozilla projects
 - learn **hg** (mercurial) a bit
 - Patch creation
 - Patch fold
 - Patch diffs