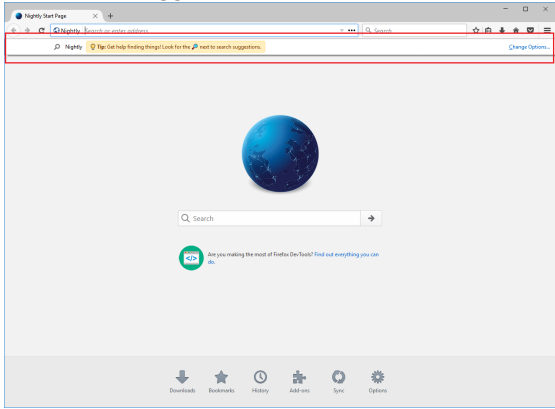## S813: Turning on Search Suggestions [EngQA]

1. Functional

C29594: Display the search suggestions hint - by focus and by mouse click

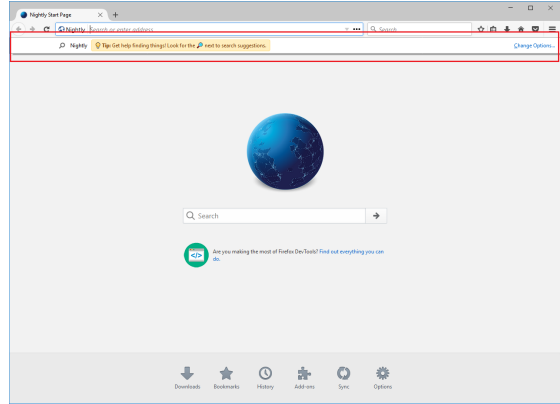| Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Firefox with a new profile	Firefox is opened
2	Focus the Awesome bar by hitting the Ctrl+L on Windows or Ubuntu/ Cmd+L on Mac OS X	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." (Use this mockup to see how the animating is done. Keep in mind the text is different - https://phlsa.github.io/awesomebar-hint/awesomeBar-results-hint.html). In the right side of the hint, you will notice the "Change Options/Preferences..." link. The search suggestions hint looks like:
3	Click on "Change Options/Preferences..." link - do not click anywhere in the browser's content	about:preferences#general page is opened. "Show search suggestions in location bar results" option is checked.
4	Open a new tab and start typing	The search suggestions hint is displayed as soon as the new tab is opened (without animating) and is displayed also in the Awesome's Bar drop-down (along with the autocomplete results, search suggestions and one-off buttons).
5	Unfocus the Awesome bar by clicking anywhere in the browser's content	
6	Open a new tab	The search suggestions hint is displayed (without animating) as soon as the new tab is opened.

C41256: Display the search suggestions hint 4 times in the same tab

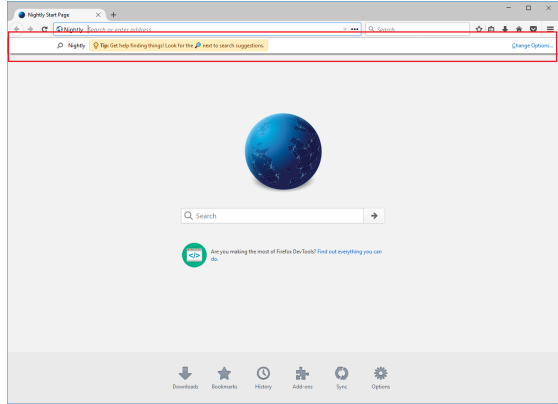| Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Firefox with a new profile	Firefox is opened
2	Focus the Awesome Bar	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like:
3	Unfocus the Awesome Bar and then focus it again	The search suggestions hint is displayed again (without animating).
4	Repeat step 3 twice	In each case, the search suggestions hint is displayed again (without animating).
5	Repeat step 3 once again	The search suggestions hint is not displayed anymore.

C40153: Display the search suggestions hint 4 times in several windows

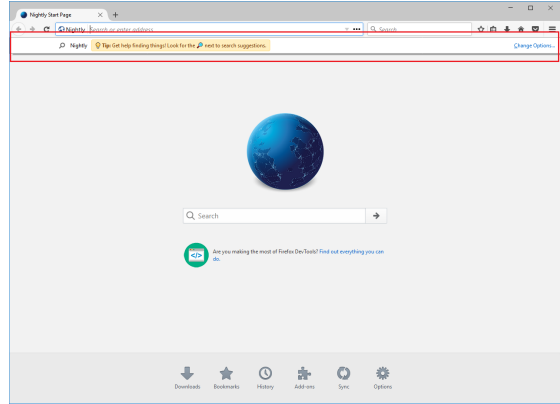| Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Firefox with a new profile	Firefox is launched
2	Focus the Awesome bar by mouse click	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like:
3	Open a new window (CTRL/CMD+N) and focus the Awesome bar by pressing CTRL/CMD+L keys	The search suggestions hint is displayed animating again.
4	Open a new window (CTRL/CMD+N) and start typing in the Awesome Bar	The search suggestions hint is displayed animating once the URL is focused. The Awesome's Bar drop-down (along with the search suggestions hint) is also displayed once you start typing
5	Open a new Window (CTRL/CMD+N) and focus the Awesome bar by mouse click	The search suggestions hint is displayed animating again.
6	Open a new Window, focus the Awesome bar using CTRL/CMD+L and start typing.	The search suggestions hint is not displayed at all (the hint is only displayed 4 times in a Firefox profile)

C40154: Display the search suggestions hint 4 times in several tabs

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps		

	Step	**Expected Result**
1	Launch Firefox with a new profile	Firefox is opened
2	Open a new tab by clicking on the "+" button	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like:
3	Unfocus the Awesome bar by clicking anywhere in the browser's content	Awesome bar is unfocused
4	Open a new tab by pressing the keys Ctrl/Cmd+T - do not unfocus the Awesome bar	A new tab is opened and the search suggestions hint is displayed without animating
5	Click on the "+" to open a new tab	Search suggestions hint is not displayed
6	Start typing in the Awesome Bar	The search suggestions hint is displayed without animating along with the Awesome's bar drop-down
7	Open a new tab by pressing the keys Ctrl/Cmd+T and start typing in the Awesome Bar	The search suggestions hint is displayed without animating after typing is started along with the Awesome's bar drop-down

C29659: Dismiss the search suggestions hint

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

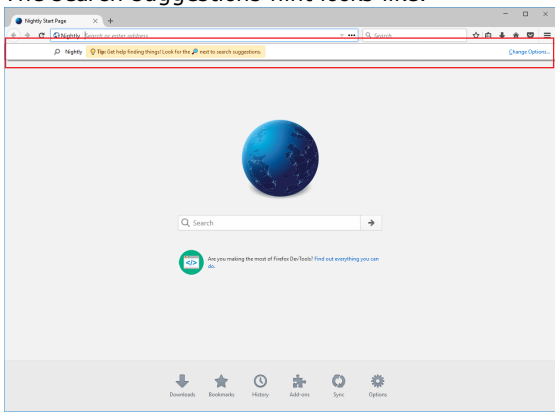| Steps	

	Step	**Expected Result**
1	Launch Firefox with a new profile	Firefox is opened
2	In a tab that is already opened, focus the Awesome Bar by clicking on it	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." (Use this mockup to see how the animating is done. Keep in mind that the text is different - https://phlsa.github.io/awesomebar-hint/awesomeBar-results-hint.html). In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like:
3	Unfocus the Awesome bar by clicking anywhere in the bowser's content	The Awesome bar loses focus The search suggestions hint is dismmised.
4	Open a new tab	The search suggestions hint is displayed (without animating)
5	Click anywhere in the search suggestions hint (avoid the "Change Options..." link)	The search notification bar is not dismissed
6	Click anywhere on the browser to unfocus the Awesome Bar	The Awesome Bar is unfocused
7	Open a new tab	Search suggestions hint is displayed (without animating)
8	Open a new tab	A new tab is opened and the search suggestions hint is not displayed
9	Repeat step 6 and 7	A new tab is opened and the search suggestions hint is displayed (without animating)
10	Write anything in the Awesome bar	Once typing is started, the Awesome's bar drop-down is

displayed and the search suggestions hint remains integrated into the drop-down.

11	Close Firefox and open it again	Firefox is reopened
12	Focus the Awesome bar and type for a valid word	The Awesome's bar drop-down is opened and the following elements are being displayed: - autocomplete results - search suggestions - one-offs button The search suggestions hint is not displayed.

C29867: Check the search suggestion hint on a clean install

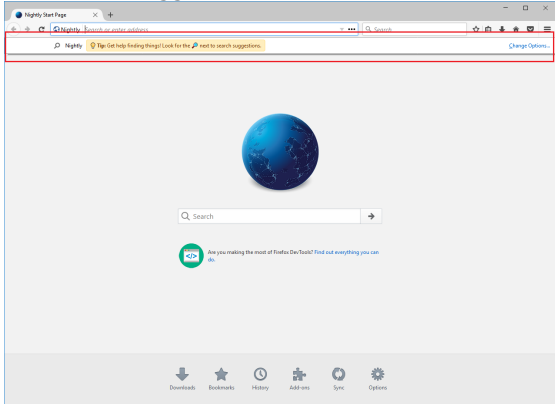| Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

To simulate a clean install, do the following:
On Windows: In the Run box, type in %APPDATA% -> Roamning and delete the Mozilla folder, and APPDATA -> Local -> delete the Mozilla folder.
On Mac OS X: ~/Library/Application Support/ -> delete the Firefox folder and ~/Library/Caches -> delete the Mozilla folder
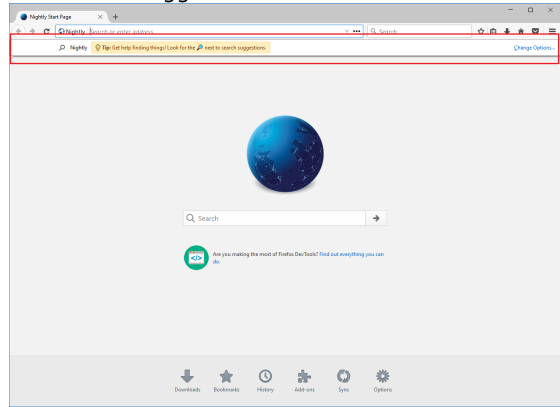On Ubuntu: ~/.mozilla/firefox/<profile folder>, delete also the Mozilla updates folder

Steps

	Step	Expected Result
1	Launch Firefox	Firefox is opened
2	Focus the Awesome bar	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." (Use this mockup to see how the animating is done. Keep in mind that the text is different - https://phlsa.github.io/awesomebar-hint/awesomeBar-results-hint.html). In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like:
3	Open a new tab and start typing anything in the Awesome Bar	The Awesome's bar drop-down is opened showing: - the search suggestions hint (without animating) - the autocomplete results - search suggestions - one-offs button.
4	In the search suggestions hint, click on "Change Options..." link.	about:preferences#general page is opened. "Show search suggestions in location bar results" option is checked.
5	Open a new window and start typing anything in the Awesome Bar	The search suggestions hint is displayed again as soon as the Awesome Bar is focused (as an animation), and remains displayed after typing, right bellow the Awesome Bar (along with the Awesome's bar drop-down)

6	Close Firefox and open it again	Firefox is re-opened
7	Start typing anything in the Awesome Bar	The search suggestions hint is displayed again (as an animation), right bellow the Awesome Bar and the autocomplete results, search results and one-offs buttons are displayed beneath it.

C29906: Search suggestions notification bar while in Private Browsing

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	**Expected Result**
1	Launch Firefox with a new profile	Firefox is launched
2	Open a new Private window (Open menu -> New Private Window)	The private window is opened
3	Start typing in the Awesome Bar	The search suggestions hint is NOT displayed Search suggestions are not even displayed in Private Browsing mode
4	Go back to the non-private Firefox window (from step 1), start typing in the Awesome bar	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like:
5	Open a new private window and start typing anything in the Awesome Bar	The search suggestions notification bar is not displayed Search suggestions are not even displayed in Private Browsing mode

C44167: Display the hint on window re-size

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Nightly with a new profile	Firefox is opened
2	Re-size the Firefox window (make it smaller)	The Firefox window is properly re-sized
3	Focus the URL Bar	The search suggestions hint is properly displayed as an animation (fits the window)
4	Open a new tab and start typing	The search suggestions hint is properly displayed (the hint does not animate, and fits the Firefox window)

2. Upgrade/downgrade

C29900: Update a previous version of Firefox that has the search suggestions disabled

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install an older version of Firefox where search suggestions were not turned on by default:
- Nightly 55 - for e.g from 20 May 2017 - Windows and Mac OS X: http://archive.mozilla.org/pub/firefox/nightly/2017/05/2017-05-20-03-02-04-mozilla-central/ and Ubuntu: http://archive.mozilla.org/pub/firefox/nightly/2017/05/2017-05-20-18-23-12-mozilla-central/

Steps

	Step	Expected Result
1	Launch an older version of Firefox with a new profile	Firefox is opened
2	Start typing anything in the Awesome bar	A notification bar asking if you want to improve your search experience with suggestions is displayed
3	In the notification bar from step 2, click on the No button	The notification bar is dismissed
4	Go to about:preferences#search and look at the option: Show search suggestions in location bar results	The option is unchecked
5	Update Firefox	Firefox is properly updated to the latest version
6	Start typing anything in the Awesome bar	When the Awesome bar is focused, the search suggestions hint is NOT displayed and neither is in the Awesome's Bar drop down. The autocomplete results and the one-offs buttons are displayed in the drop down.
7	Navigate to about:preferences#general and look at the option: Show search suggestions in location bar results	The option is unchecked
8	Open a new Private Window (Open menu -> new private window)	The new private window is opened
9	Focus the Awesome Bar and start typing anything	When the Awesome bar is focused, the search suggestions hint is NOT displayed and neither is in the Awesome's Bar drop down. Search suggestions are also not displayed in the Awesome Bar drop-down. The autocomplete results and the one-offs buttons are displayed in the drop down.

C29902: Update a previous version of Firefox that has the search suggestions enabled

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install an older version of Firefox where search suggestions were not turned on by default:
- Nightly 55 - for e.g from 20 May 2017 - http://archive.mozilla.org/pub/firefox/nightly/2017/05/2017-05-20-03-02-04-mozilla-central/, http://archive.mozilla.org/pub/firefox/nightly/2017/05/2017-05-20-18-23-12-mozilla-central/

Steps

	Step	Expected Result
1	Launch an older version of Firefox with a new profile	Firefox is opened
2	Start typing anything in the Awesome Bar	A notification bar asking if you want to improve your search experience with suggestions is displayed
3	In the notification bar from step 2, click on the Yes button	The notification bar is dismissed
4	Go to about:preferences#search and look at the option: Show search suggestions in location bar results	The option is checked
5	Update Firefox	Firefox is properly updated to the latest version
6	Start typing anything in the Awesome Bar	The Awesome's bar drop-down is opened including: - the autocomplete results - the search suggestions - one-offs buttons. The search suggestions hint is not displayed.
7	Navigate to about:preferences#general and look at the option: Show search suggestions in location bar results	The option is checked

C29903: Update a previous version of Firefox where the search suggestions prompt were ignored

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install an older version of Firefox where search suggestions were not turned on by default:
- Nightly 55 - for e.g from 20 May 2017 - http://archive.mozilla.org/pub/firefox/nightly/2017/05/2017-05-20-03-02-04-mozilla-central/, http://archive.mozilla.org/pub/firefox/nightly/2017/05/2017-05-20-18-23-12-mozilla-central/
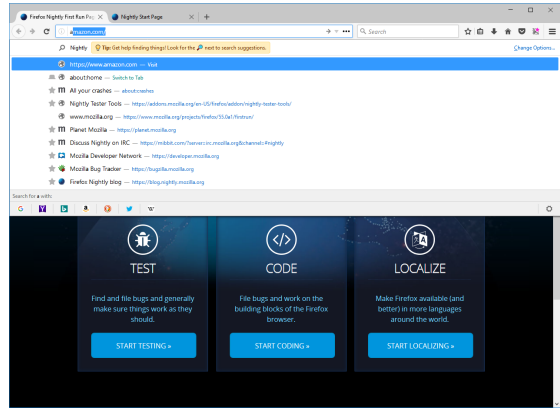
Steps

	Step	Expected Result
1	Launch an older version of Firefox with a new profile	Firefox is opened
2	Start typing anything in the Awesome bar - ignore the notification bar that informs you about the search suggestions	A notification bar asking if you want to improve your search experience with suggestions is displayed
3	Go to about:preferences#general and look at the option: Show search suggestions in location bar results	The option is unchecked
4	Update Firefox	Firefox is properly updated to the latest version (restart is included)
5	Start typing about:preferences#general and look at the option: Show search suggestions in location bar results	Once the Awesome Bar is focused, the search suggestions hint is displayed as an animation. The "Show search suggestions in location bar results" box is checked
6	Open a new window and focus the Awesome Bar	The search suggestions hint is displayed (as an animation)
7	Close Firefox and open reopen it again	Firefox is closed and reopened
8	Focus the Awesome Bar and start typing anything	As soon as the Awesome bar is focused, the search suggestions hint is displayed. Once typing is started the Awesome's Bar autocomplete drop-down is opened including: - the search suggestions hint - the autocomplete results - the search suggestions - the one-offs buttons.
9	Open a new tab and start typing	As soon as typing is started, the search suggestions hint is opened. Awesome's Bar drop-down is opened and contains the following elements: - the search suggestions hint - the autocomplete results - the search suggestions - the one-offs buttons.

3. Accessibility

C29797: Search suggestions hint and key navigation

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps	

	Step	**Expected Result**
1	Launch Firefox with a new profile	Firefox is opened
2	Open a new tab and start typing something (like "a")	The search suggestions hint is displayed (as an animation) bellow the Awesome Bar and the autocomplete results, search results and one-offs buttons are displayed beneath it. It looks like:
3	Navigate through the autocomplete results and search suggestions by pressing the TAB key	The navigation is done and includes the autocomplete results and the search suggestions. The search suggestions hint is not part of the keyboard navigation.
4	Navigate through the autocomplete results and search suggestions by pressing the down arrow key	The navigation is done and includes the autocomplete results, the search suggestions, one off buttons and the Gear icon. The search suggestions hint is not part of the keyboard navigation.

C29904: Search suggestions hint - with an enabled dark theme

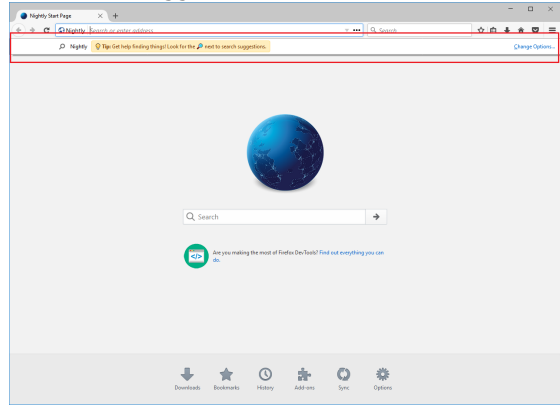| Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Firefox with a new profile	Firefox is opened
2	Start typing about:addons in the Awesome bar	As soon as the Awesome Bar is focused, the search suggestions hint is displayed as an animation. The search suggestions hint looks like:
3	Click on Appearance section and enable the Compact Dark theme	The compact dark theme is enabled
4	Restart Firefox (Open Menu -> Developer ->Developer Toolbar -> Write "restart" and hit the Enter key)	Firefox is restarted
5	Focus the Awesome Bar and start typing anything	The search suggestions hint is properly displayed (as an animation) as soon as the Awesome Bar is focused. All the elements of the Awesome's Bar (the search suggestions hint, the autocomplete results, search suggestions, one-offs buttons) are properly displayed.
6	Go back to about:add-ons and change to the default theme again.	Dark theme is changed
7	Focus the Awesome Bar and start typing anything	The search suggestions notification bar is properly displayed (without animating) as soon as the Awesome Bar is focused. All the elements of the Awesome's Bar (the search suggestions hint, the autocomplete results, search suggestions, one-offs buttons) are properly displayed.

C29905: Search suggestions notification bar rendering while a high contrast theme is enabled
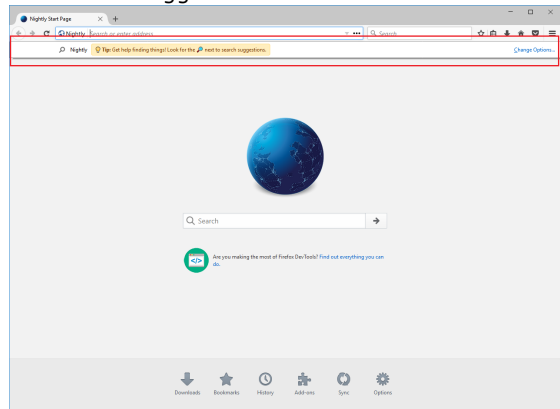
Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Activate a high contrast theme.
- "Windows: Go to Personalize> Themes> Theme Settings and activate a High Contrast Theme.
- Ubuntu: Install "gnome-control-center"- > System settings -> Appearance.
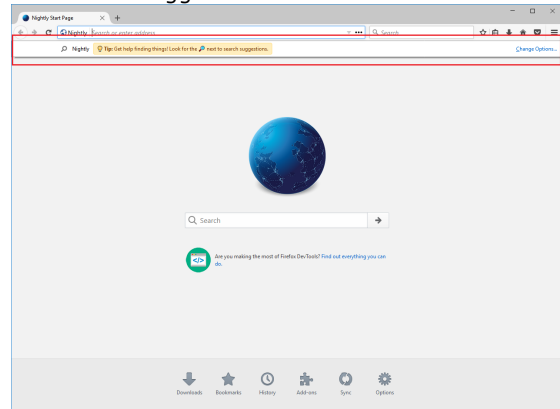- Mac N/A

Steps

	Step	Expected Result
1	Launch Firefox with a new profile	Firefox is opened
2	Focus the Awesome Bar and start typing anything	As soon as the Awesome Bar is focused, the search suggestions hint is displayed as an animation. The search suggestions hint looks like:
3	In the search suggestions hint, click on the Change Options/Preferences link	bout:preferences#general page is opened. "Show search suggestions in location bar results" option is checked.
4	In about:preferences#general and uncheck the preference "Show search suggestions in location bar results"	Preference is unchecked
5	Restart Firefox (Open Menu -> Developer ->Developer Toolbar -> Write "restart" and hit the Enter key)	Firefox is restarted
6	Open a new tab and start typing anything in the Awesome Bar	The search suggestions hint is NOT displayed. The search suggestions are NOT displayed. Autocomplete results and One-offs buttons are properly displayed
7	Navigate to about:preferences#general and check the preference "Show search suggestions in location bar results"	Preference is checked
8	Restart Firefox (Open Menu -> Developer ->Developer Toolbar -> Write "restart" and hit the Enter key)	Firefox is restarted

9 | Focus the Awesome Bar and start typing anything

As soon as the Awesome Bar is focused, the search suggestions hint is displayed as an animation.

The search suggestions hint looks like:

C29952: Search suggestions notification bar and the Screen reader

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Download and install a screen reader tool.
Windows: Download and install a screen reader tool: http://www.nvaccess.org/download/
Ubuntu - Start "Orca Screen Reader" which is already installed
Mac OS X - Use "Voice Over" which is already installed. System Preferences> Accessibility> Voice Over> "Enable Voice Over"

Steps

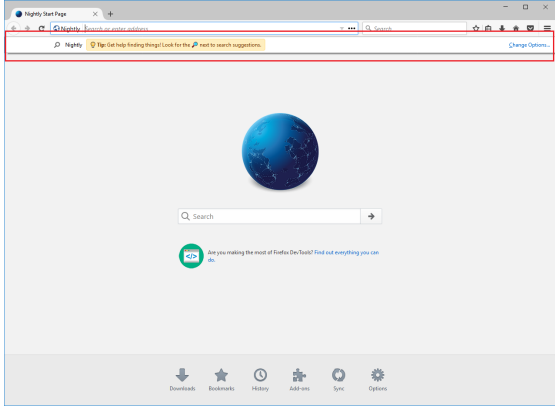|	Step	Expected Result
1	Open/Enable the screen reader	Screen reader is properly opened/enabled
2	Launch Firefox with a new profile	Firefox is opened
3	Focus the Awesome Bar and start typing anything	As soon as the Awesome Bar is focused the search suggestions hint is displayed. The Awesome's Bar drop-down with all its components is displayed as typing is started (the search suggestions hint is integrated into the drop-down)
4	Hover your mouse over the search suggestions hint	The screen reader reads the search suggestions hint.

4. Localization

C29953: Localization - Search suggestions hint on a ro build

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install a ro build from: http://archive.mozilla.org/pub/firefox/nightly/latest-mozilla-central-l10n/

Steps

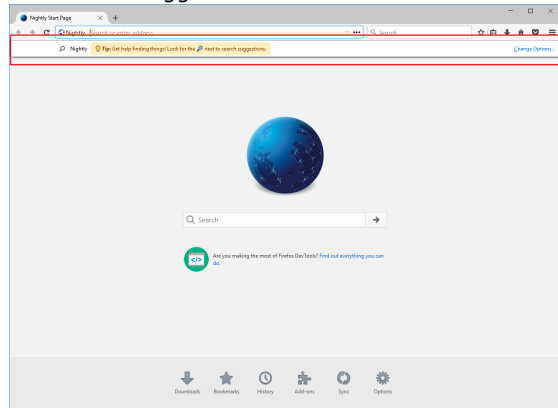|	Step	Expected Result
1	Launch Firefox	Firefox is opened
2	Focus the Awesome bar	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like: Please note that the text of the notification should be translated to Romanian
3	Open a new tab and start typing in the Awesome Bar	As soon as you start typing the Awesome's Bar drop-down is displayed. The search suggestions hint is displayed (without animating) in the drop down along with the autocomplete results, search suggestions and one-off buttons.

C30372: Localization - Search suggestions hint on a fr build

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install a fr build from: http://archive.mozilla.org/pub/firefox/nightly/latest-mozilla-central-l10n/

Steps

	Step	Expected Result
1	Launch Firefox	Firefox is opened
2	Focus the Awesome bar	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like: Please note that the text of the notification should be translated to French
3	Open a new tab and start typing in the Awesome Bar	As soon as you start typing the Awesome's Bar drop-down is displayed. The search suggestions hint is displayed (without animating) in the drop down along with the autocomplete results, search suggestions and one-off buttons.

C30373: Localization - Search suggestions hint on a de build

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install a de build from: http://archive.mozilla.org/pub/firefox/nightly/latest-mozilla-central-l10n/

Steps

	Step	Expected Result
1	Launch Firefox	Firefox is opened
2	Focus the Awesome bar and start writing anything	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like: Please note that the text of the notification should be translated to German
3	Open a new tab and start typing in the Awesome Bar	As soon as you start typing the Awesome's Bar drop-down is displayed. The search suggestions hint is displayed (without animating) in the drop down along with the autocomplete results, search suggestions and one-off buttons.
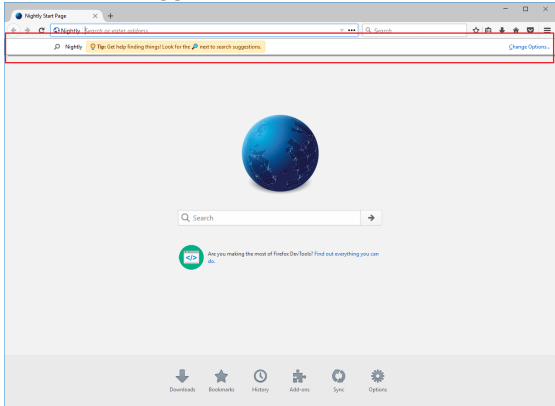
C30374: Localization - Search suggestions hint on an arabic build

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Preconditions

Install an ar build from: http://archive.mozilla.org/pub/firefox/nightly/latest-mozilla-central-l10n/

Steps

	Step	Expected Result
1	Launch Firefox	Firefox is opened
2	Focus the Awesome bar	The search suggestions hint is displayed as an animation with the following message "Tip: Get help finding things! Look for the (search) next to search suggestions." In the right side of the hint, you will notice the "Change Options..." link. The search suggestions hint looks like: Please note that the text of the notification should be translated to Arabic, also, text and buttons are Right-To-Left.
3	Open a new tab and start typing in the Awesome Bar	As soon as you start typing the Awesome's Bar drop-down is displayed. The search suggestions hint is displayed (without animating) in the drop down along with the autocomplete results, search suggestions and one-off buttons.

5. Other tests

C37099: Prohibited search suggestions - Bug 1280441

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Firefox	Firefox is opened
2	Focus the Awesome Bar	The search suggestions hint is displayed or not - depending on the number of times it was previously displayed on your profile. (if it was displayed 4 times already it won't be displayed anymore) No search suggestions are displayed
3	Write one character (from A->Z)	Search suggestions are not displayed.
4	Write 2 characters (from A-> Z)	Search suggestions are displayed along with one-off buttons and possibly autocomplete results and the search suggestions hint (see expected results from step 2)
5	Write a whitelisted domain as "localhost"	Search suggestions are displayed until "localhost" is complete. Afterward, search suggestions are not displayed anymore.
6	Write any string that includes any of "/", "@", ":", "."	Search suggestions are not displayed.
7	Write any string that includes "http", "https" and "ftp"	Search suggestions are not displayed.

C44504: Verify the hint is displayed 4 times when unfocusing Firefox

Type	Priority	Estimate	References
Other	Medium	None	None
Automatable			
No			

Steps

	Step	Expected Result
1	Launch Firefox with a new profile	Firefox is opened
2	Focus the Awesome Bar	The search suggestions hint is displayed as soon as the Awesome Bar is focused.
3	Unfocus the Firefox window (click on your desktop)	The Firefox window is unfocused
4	Open a new tab and start writing in the Awesome Bar	The search suggestions hint is displayed and is integrated into the Awesome Bar drop down
5	Unfocus the Firefox window (click on your desktop)	The Firefox window is unfocused
6	Open a new tab and start typing in the Awesome Bar.	The search suggestions hint is displayed as soon as typing is started.