Firefox OS

Cursor movement
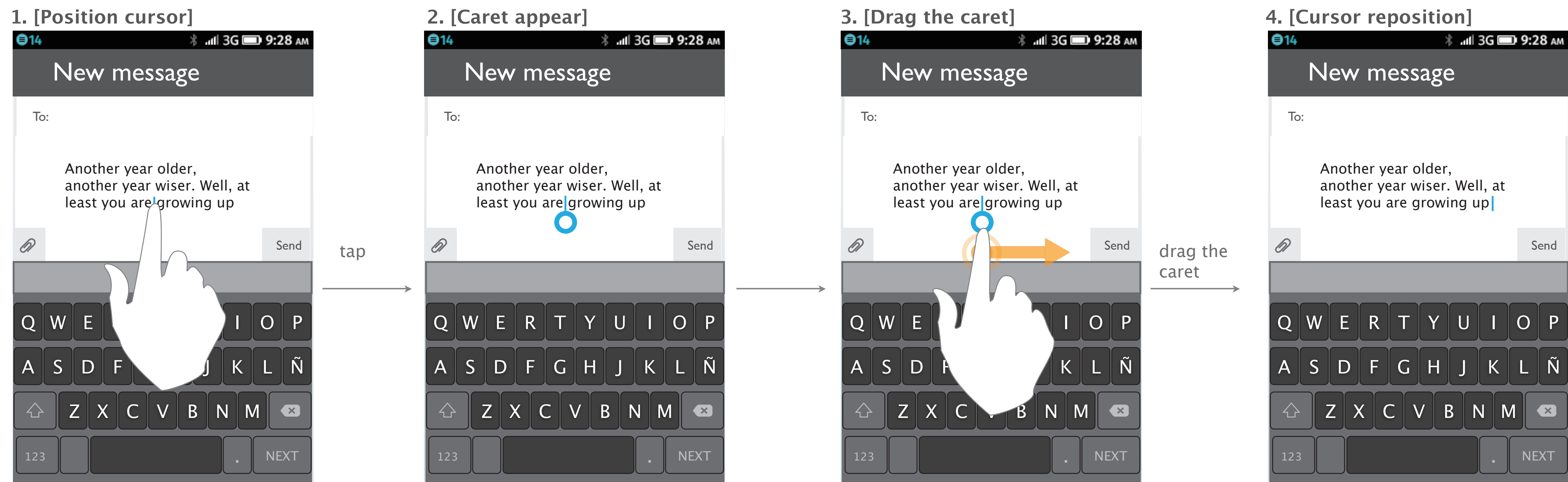
Version 0.2 [Feb, 18, 2014]

Most recent spec available at - [Link to folder on box.com]
Questions? E-mail the author or firefoxos-ux@mozilla.com

Release Notes

v0.1   Jan 20 2014   Carrie Wang   The draft spec of cursor movement and text selection.

V0.2   Feb 18 2014   Carrie Wang   Remove the text selection part.

Cursor positioning and movement

Cursor positioning in edit field

1. [Position cursor]

New message

To:

Another year older,
another year wiser. Well, at
least you are growing up

The user tap texts to position
the cursor.

tap →

2. [Caret appear]

New message

To:

Another year older,
another year wiser. Well, at
least you are growing up

The cursor handle shows up.

→

3. [Drag the caret]

New message

To:

Another year older,
another year wiser. Well, at
least you are growing up

The user can drag the cursor handle
to move the cursor.

drag the caret →

4. [Cursor reposition]

New message

To:

Another year older,
another year wiser. Well, at
least you are growing up

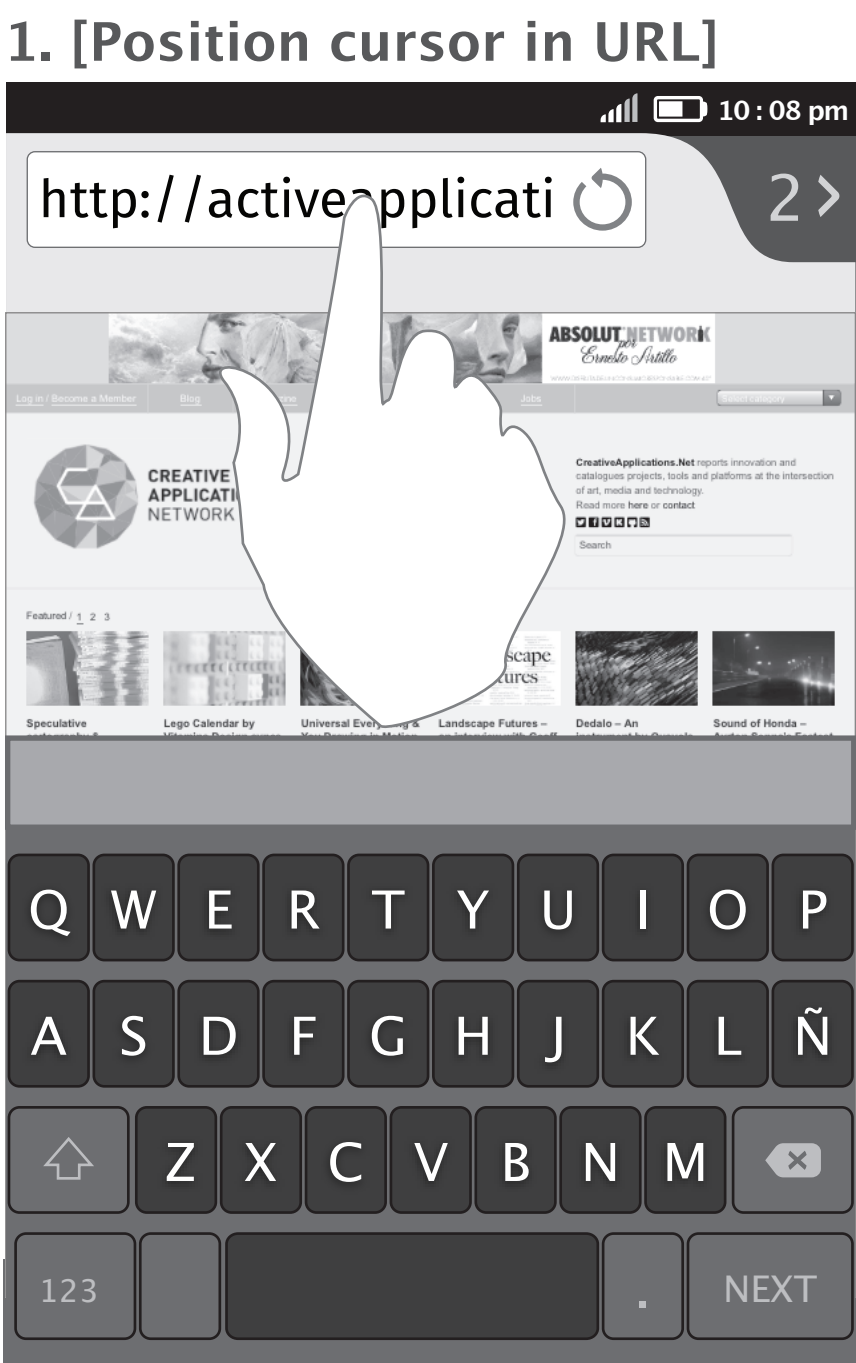The user can drag the cursor handle
to position the cursor.

**If the finger leaves the touchscreen,
the cursor handle disappears after
3 seconds.**

Notes

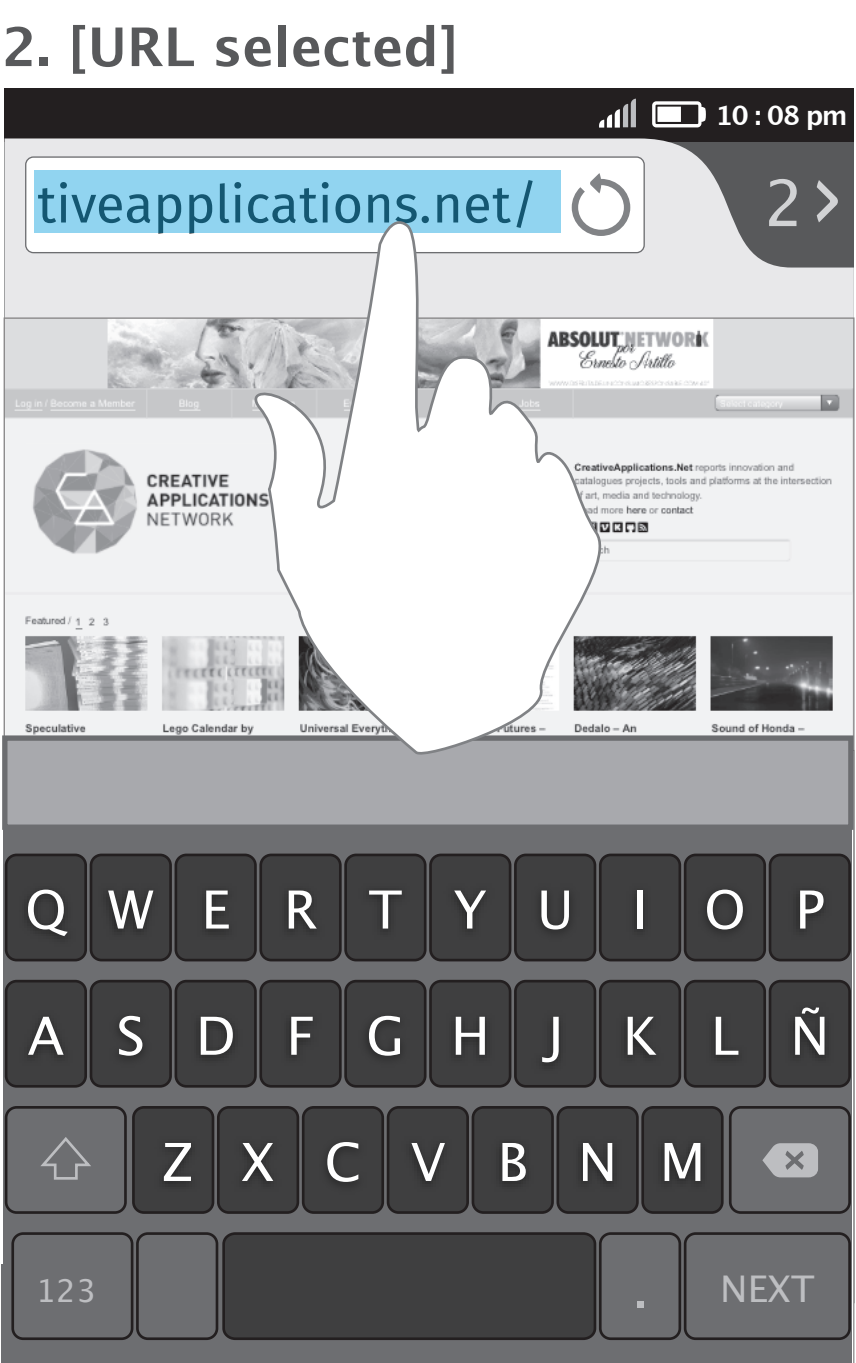The cursor handle can be dragged toward up, down, right and left.

Another year older,
another year wiser. Well, at
least you are growing up
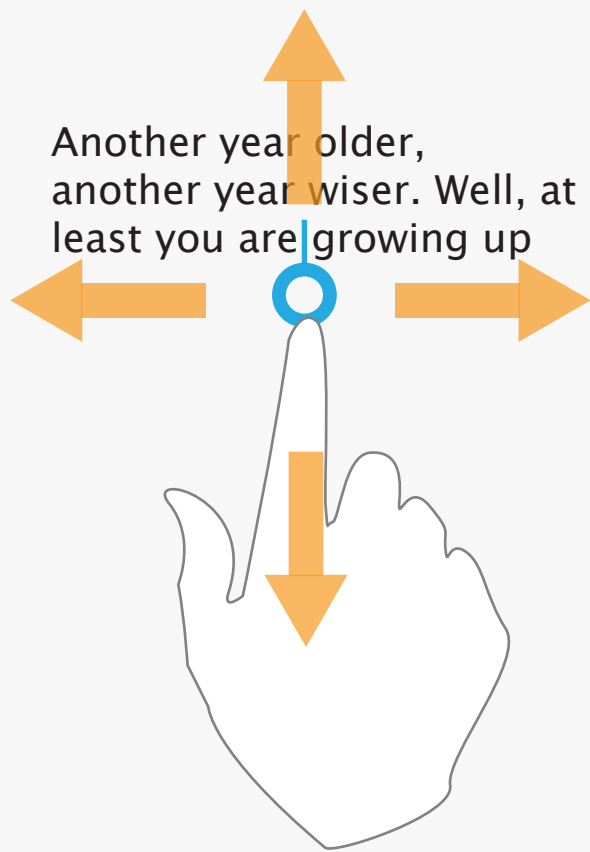
Cursor positioning and movement in URL field

1. [Position cursor in URL]

`http://active-applicati` ↻   2 >

The user taps the URL.

→ tap the URL address

2. [URL selected]

`tiveapplications.net/` ↻   2 >

The whole URL address is selected and highlighted.

→ tap the selected URL

3. [Cursor positioning]

`tiveapplications.net/` ↻   2 >

The user taps the selected URL and the cursor will be then positioned and the handle shows up.

→ drag the caret

4. [Cursor movement]


`tiveapplications.net/` ↻   2 >

The cursor is repositioned. The cursor handle disappears after 3-second time-out.

Notes

The URL should be selected and highlighted before the handle appears (screen 2 and screen 3) so that users can directly type keywords to search or input new website link to replace the previous one.
The interaction is based on user behavior and has been widely adopted in different OS platform.
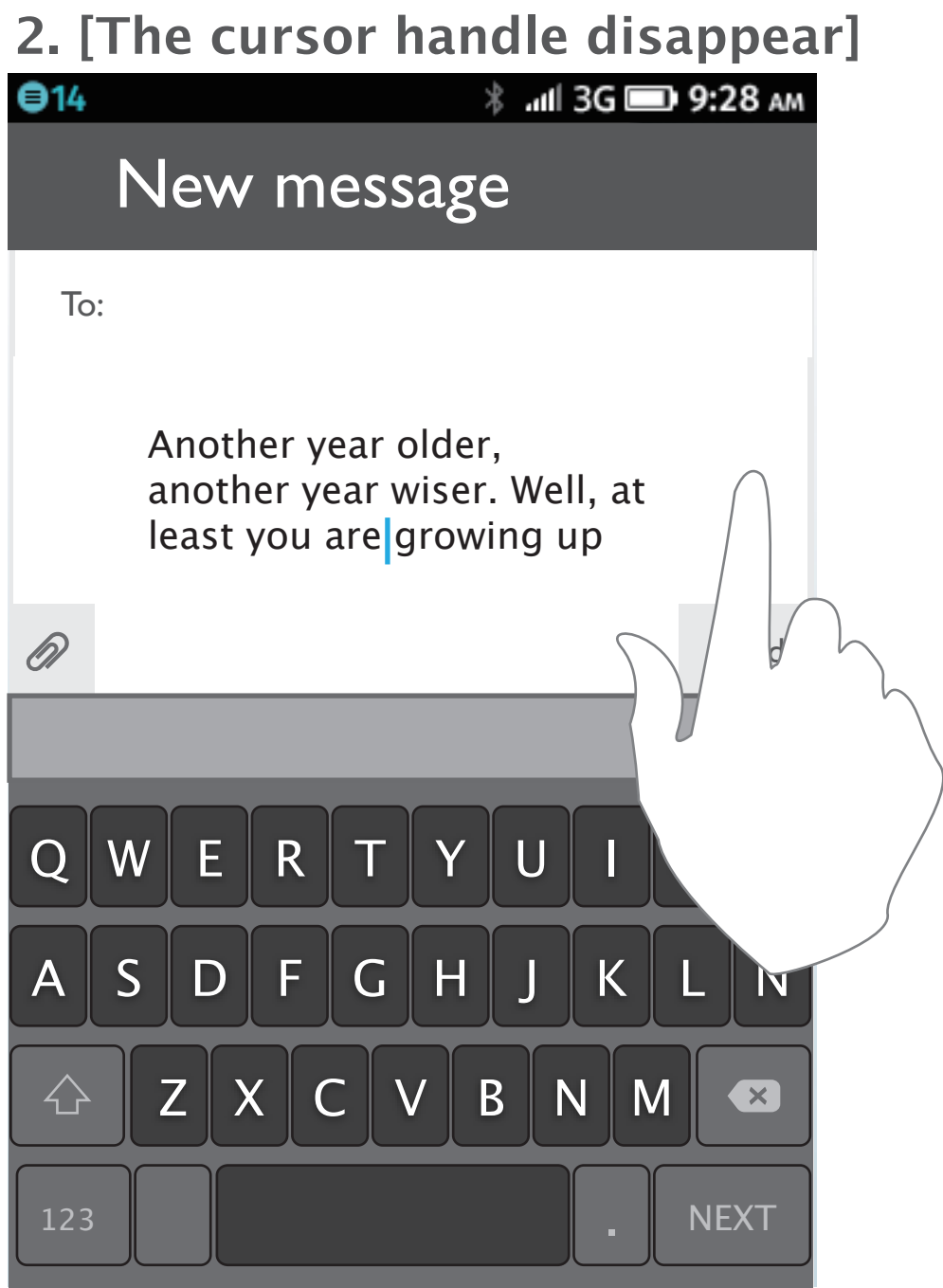
Ways to dismiss the cursor handle
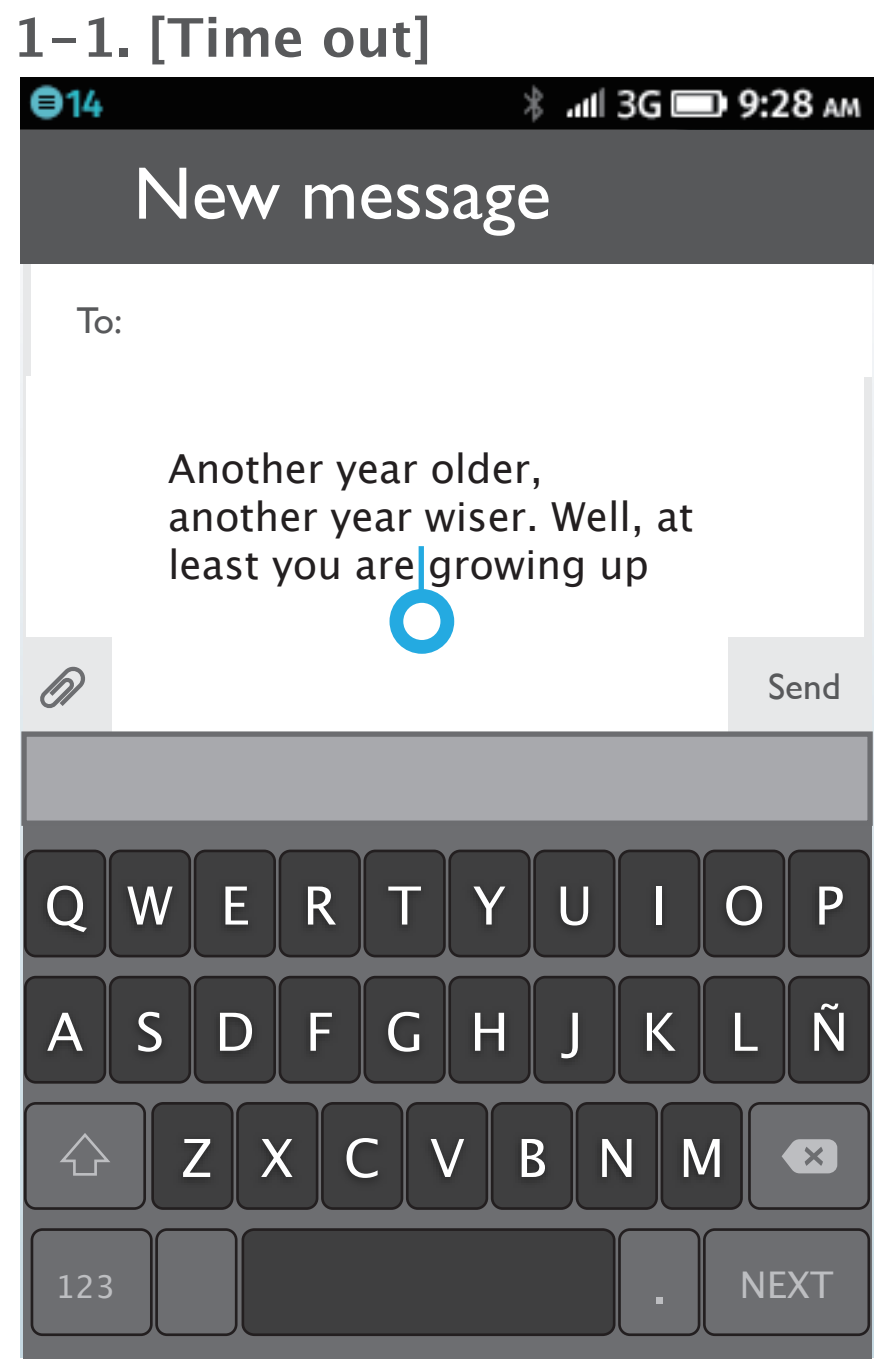
1-1. [Time out]

The caret will disappear after 3 seconds time out.

1-2. [Scroll page/ text field]
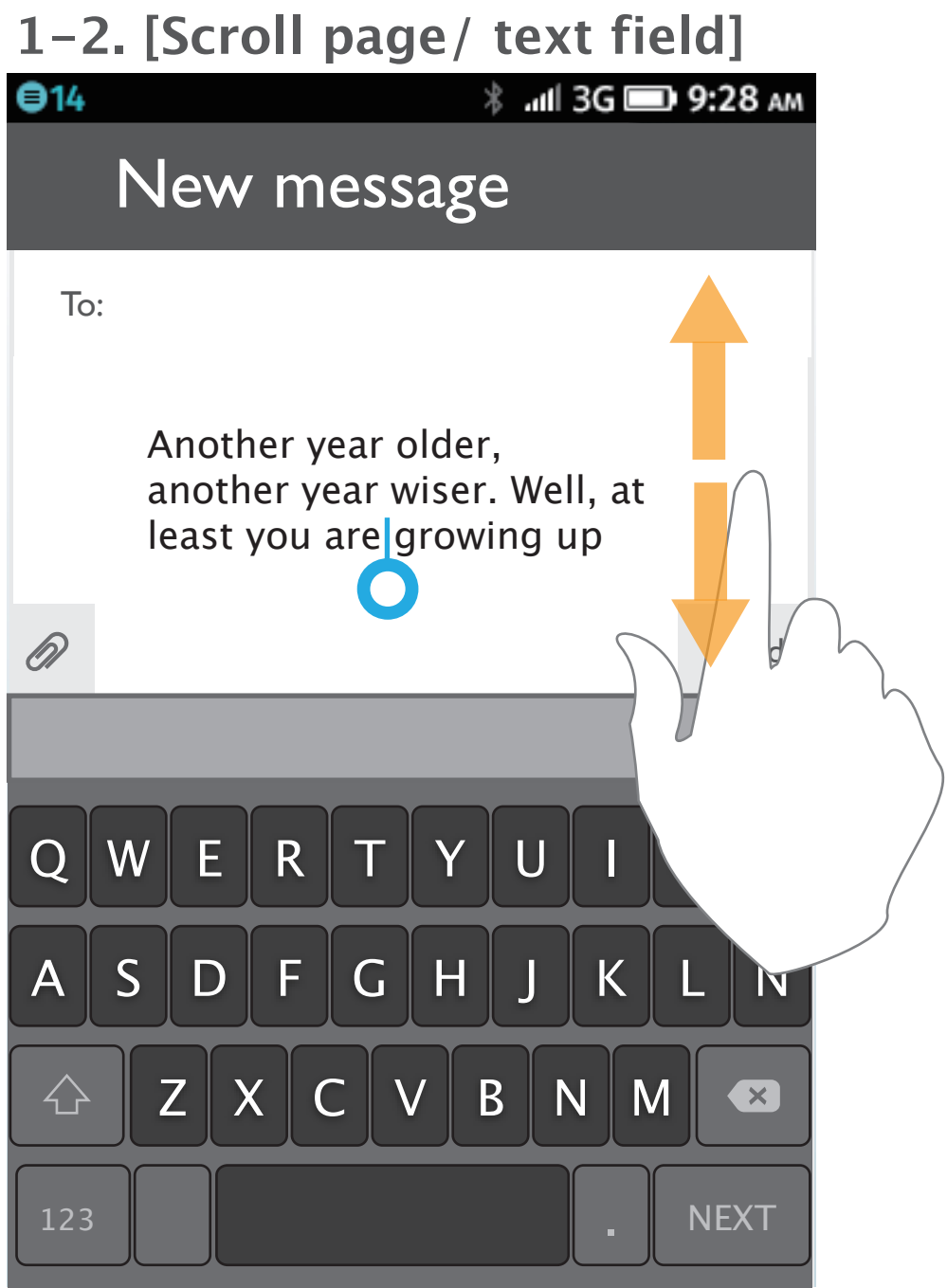
The cursor handle will disappear if the user scrolls the page (in the text field or on the page).

scroll the page or the text field

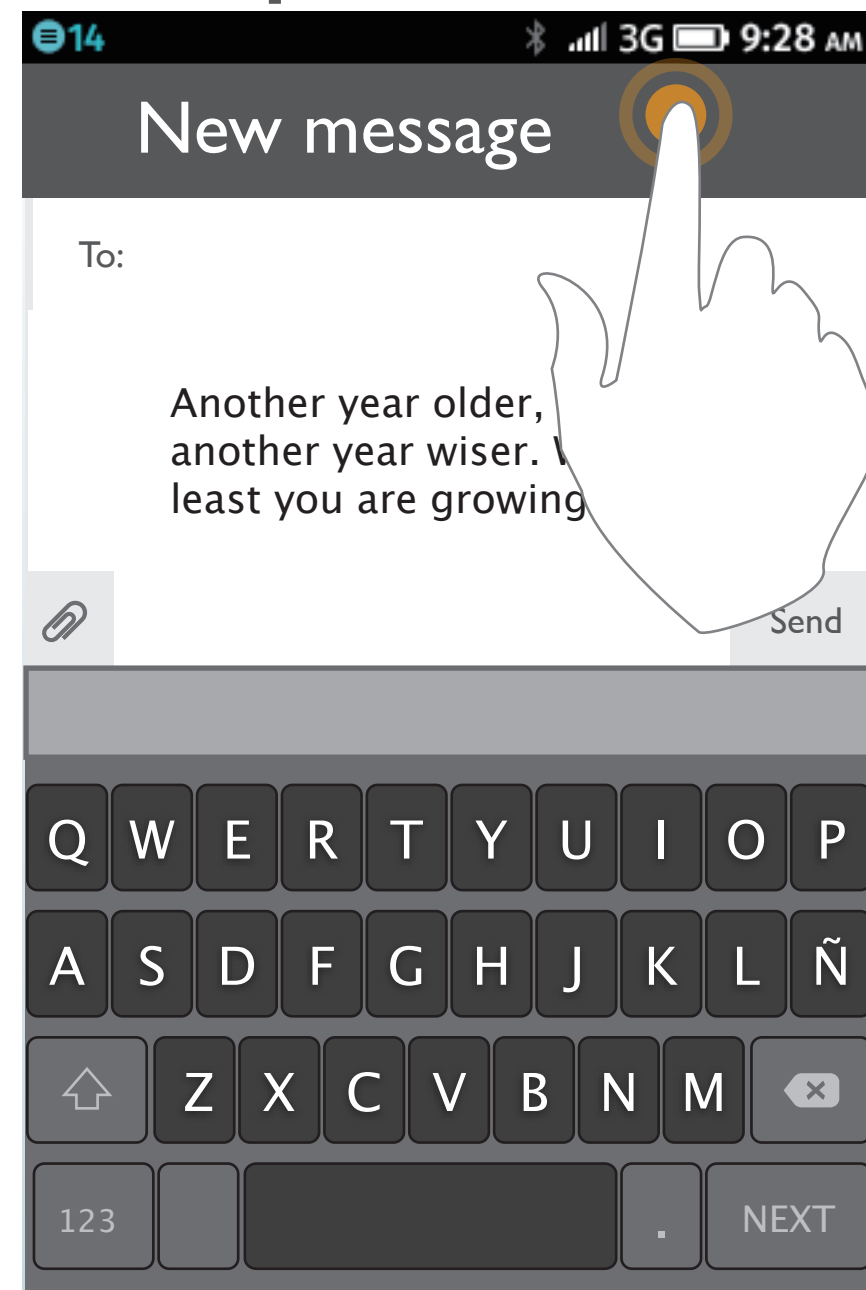**2. [The cursor handle disappear]**

The cursor handle disappears, but the cursor will stay at the same place.

.

after 3 seconds

Ways to dismiss both the cursor and cursor handle

[Tap other place except text field]

[Dismiss keyboard]

The user can tap everywhere on the screen but the text field to dismiss both the cursor and cursor handle.
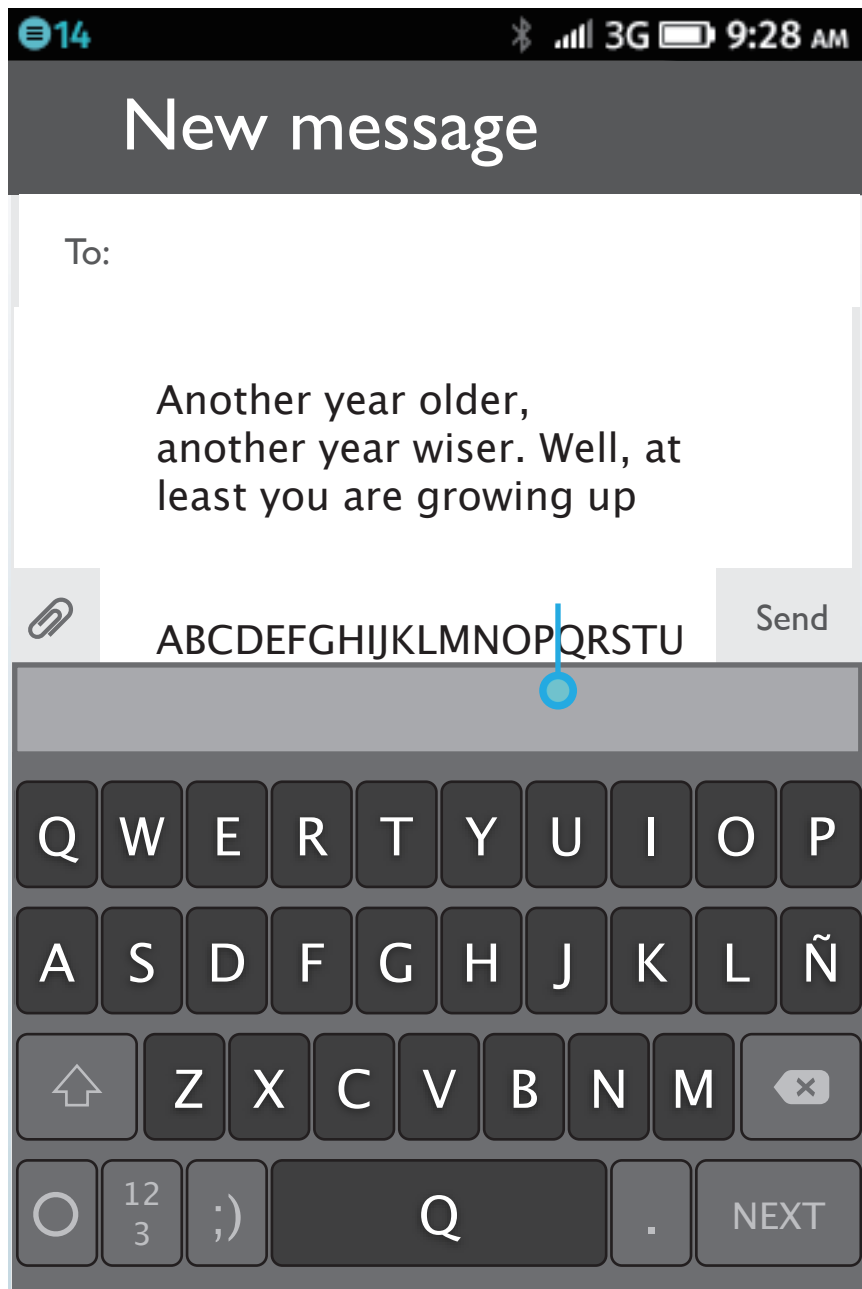(The keyboard will be dismissed with the same interaction)
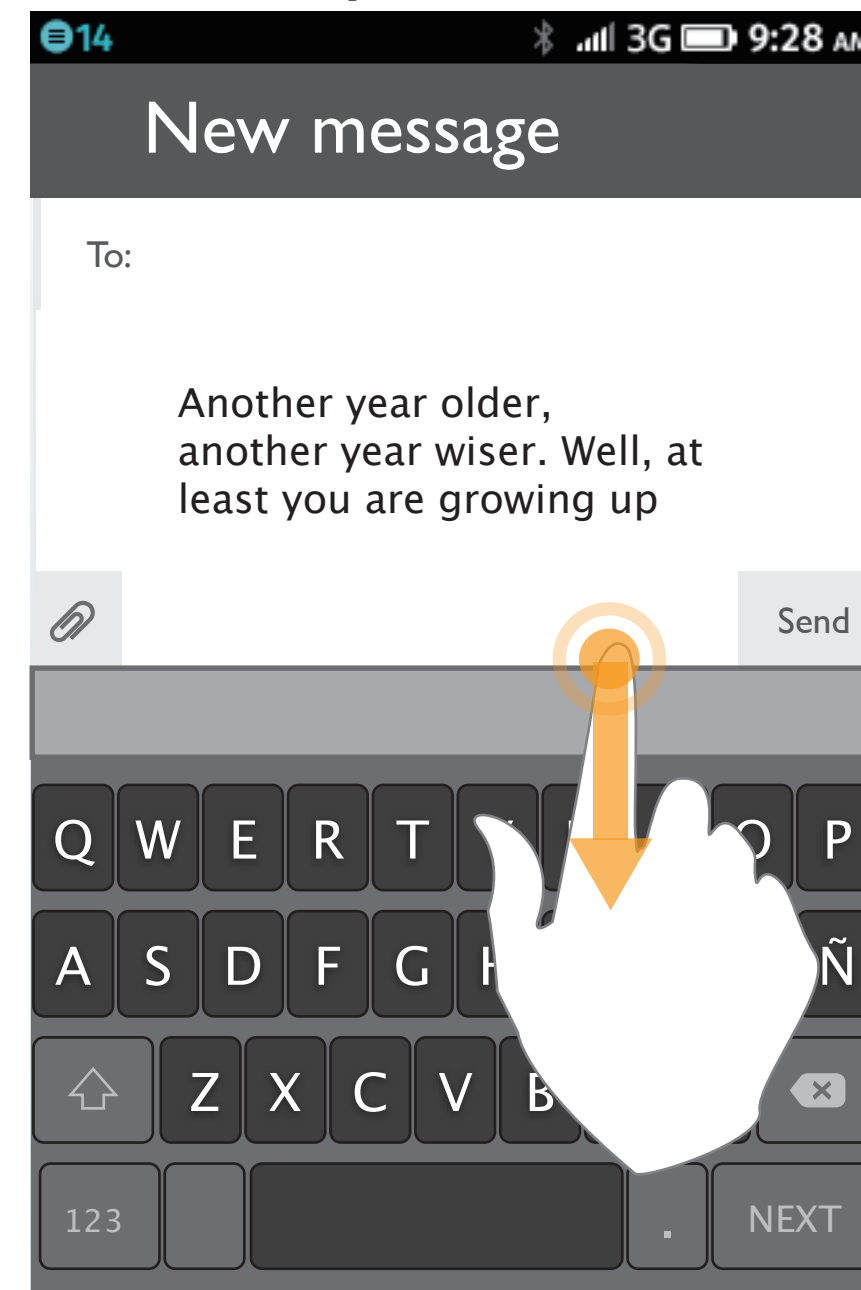
The user can swipe from the edge of the keyboard to dismiss the keyboard. Both the cursor and cursor handle will disappear if the keyboard is dismissed as well.

Carets views in different position on the page

Case 1:
[Keyboard]

The caret (single and double) will overlay the keyboard.

The whole cursor should be active to drag. Hence, if the cursor handle is overlayed by other items, the user can still tap the cursor to move.

Thank you!