Reviewer: Nadeem Haidar

Code under review: commit 62cdca23933669a6074cf7058d4f03f1050bd30f

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Report type: **BUG – SELECT ALL CHECKBOX NOT SELECTING EVERYTHING**

How to reproduce:

1. Open Zotero
2. Ensure there are > 10 tags in the Library
3. Open Gear menu ⚙
4. Open 'Zotero EXTended' window
5. Click 'Remove tags' tab (NOTE: DO NOT SCROLL IN THE LISTBOX)
6. Click the 'Select all" checkbox
7. Click 'Remove'

Expected Result: All tags in the library should be removed.

Actual Result: Only the visible tags in the window get removed. There happens to be 10 visible tags in the listbox, so the bug is only apparent when there are > 10 tags in the library. For example if there are 21 tags in the library, only the first 10 tags actually get removed. (Note: it's not clear why scrolling in the listbox prior to clicking the 'Remove' button seems to resolve the issue)

Location of bug in code (lines 208-211): selectToggle: function(boxId, domId) function in

chrome/content/zoteroEXTended/zoteroEXT.js

```
207   +                    if (box.checked){
208 ➕ +                        row.setAttribute('checked', true);
209   +                    }
210   +                    else{
211   +                        row.setAttribute('checked', false);
212   +                    }
```

The issue lies in the way that the DOM handles attributes. Setting the 'checked' attribute to true/false before adding it to the DOM will only modify the DOM elements that are visible in the DOM.

Fix: It's not why clear why the bug was not resolved with the proper alternate DOM Element modifiers:

row.checked = true;

row.checked = false;

More research needs to be done on how the DOM elements get updated with respect to which items are visible in the window.