Code Inspection – Junaid Patel

Name of the reviewer: Junaid Patel

The code under review: `commit 761ad9303d94587846d60fdd58e4d0bbda536624`

Date of the review: November 10, 2015

Name of the author of the code under review: Andres Moreno

<u>Poor coding style – bad variable naming</u>

<u>*Poor code Logic*- Inefficient code</u>

Location: `chrome/content/zoteroEXTended/`ExtBatch.js, function renameTag, lines 52 – 60

```
renameTag: function(tag, newName) {
            // Get a list of all the items with that tag
            var items = this.findIdsByTag(tag);
            // Remove the tag from all items
            this.removeTags([tag]);
            // Add the new tag to the items that had tag
            this.addTags(items, newName);
    },
```

Issues:

1. The renameTag function takes in two parameters:
   tag - The name of the tag
   newName- Name of the new tag
   The name "tag" doesn't make it clear as to what the parameter "tag" is exactly. It could be the name of the tag or the id of the tag.
2. The function calls another function "findIdsByTag(tag)" where tag is the name of the tag. So it ids of all documents that have the tag "tag". This is inefficient, because instead of doing this, we can simply pass the tag's id as a parameter to avoid unnecessary running time.

Fix:

1. It should specify what the parameter stands for exactly from a developer's perspective.

2. Pass the tag's id as a parameter to avoid inefficiency/redundancy.
3.

Name of the reviewer: Junaid Patel

The code under review: `commit 553e0df45ba1d0868f761295d307e74adb2d1aa2`

Date of the review: November 10, 2015

Name of the author of the code under review: Nadeem Haidar

<u>Poor coding style – Strings hardcoded instead of being referenced</u>

Location: `chrome/content/zoteroEXTended/ui.xul`, function renameTag, lines 55, 58, 61, 72 etc.

```
55 - <label value = "Please select tags to be deleted:"/>
58 - <caption label = "Tag name"/>
61 - <caption label = "Tag name"/>
72 - <label value = "Please edit the requested tags:"/>
.
.
```

Issues:

1. All the strings are being hardcoded in UI.xml. This is poor coding style because if a certain string needs to be modified, it needs to modified in multiple places if it is at multiple places

Fix:

1. Reference all strings in a files, for example strings.xml, and declare them like so:

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="Tag label">Tag name</string>
    <string name="Label value">Please edit the requested tags</string>
</resources>
```