

## Code inspection

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There is a **bug** that after removing a tag from ZoteroEXT main window, the UI will not update.

- How to reproduce:
  1. Create a custom/Random tag in Zotero
  2. Using ZoteroEXT – Removing tags to remove the tags just created.
  3. The tag just removed will not be removed from the ZoteroEXT UI.

- The location of the bug, in commit b09442aff7960d0474a4c6a0284485e7aca9e911:  
Line 47 in `chrome/content/zoteroEXTended/ExtBatch.js`:

```
Zotero.Tags.erase(ids);
```

- Suggestion for fix

Since while I tested this feature, the main window in the Zotero standalone build will not reproduce the same bug. This means the standalone source code have the solution of this bug. In the Zotero source code, database not updated in real time. The following code found in the Zotero source code:

```
Zotero.DB.beginTransaction();  
Zotero.Tags.erase(ids);  
Zotero.Tags.purge();  
Zotero.DB.commitTransaction();
```

With the above code, the database will initiate a new transaction before tag removed, then, update the database will update after erase was done. After adding the above code into `ExtBatch.js`, The bug fixed.

## Poor coding style

For all string in the project, we suppose to use the string file in locale folder to reference our string variable, however, we hard coded into our code, which is a poor coding style

## Missing documentation

Overall, codes in the repository were least amount of commenting, for the file I inspected, no codes documented.

## Poor testing

This module tested using Acceptance testing, which means the feature and functionality was tested through UI, however, the function alone and module was not tested using Unit test and other method of testing.