Per the [Milestones schedule](https://github.com/kee-org/browser-addon/milestones) on this repository, the bulk of all efforts until the release of version 2.0 will be on ensuring that we can get something vaguely resembling KeeFox 1.6 to run in Firefox 57+ (and Google Chrome, etc.)  
  
  
  
That means re-writing the add-on to use [WebExtensions](https://developer.mozilla.org/en-US/Add-ons/WebExtensions/What\_are\_WebExtensions).  
  
  
  
I've made a good start by pulling over some code snippets from KeeFox 1.6 and piecing them together in a way that has resulted in the current "pre-alpha" version having the following broadly working:  
  
  
  
- Basic add-on architecture (build, default config, logging to console)  
  
- Connection from add-on to the existing KeePassRPC plugin version  
  
- Rendering state of connection on a browser button/icon on the browser toolbar  
  
- Detection of forms on web pages  
  
- Sending request to find matching logins and receiving list of logins in the web page  
  
  
  
The lists below will be expanded as we delve into more detail and see how the WebExtensions API evolves over the next 6 months. With some luck we might be able to implement some items from the "uncertain" list although it's also likely other features will be added to the two lists.  
  
  
  
### Functionality we are unable to retain  
  
  
  
- Assisted KeePass installation and configuration (prohibited by WebExtensions)  
  
- Some customised keyboard shortcut keys (it should be possible for each user to manually re-configure them though)  
  
- Logging to files (prohibited by WebExtensions)  
  
- Protecting the KeePassRPC authentication token with the Firefox master password (prohibited by WebExtensions)  
  
  
  
### Functionality we are unlikely to retain (either too much work or uncertain technical viability)  
  
  
  
- Some customised keyboard shortcut keys (we probably won't migrate the current settings but some keyboard shortcuts that relate to specific web pages can be supported if we have time)  
  
- Launching KeePass from within Firefox (launching executables is banned although if a user were to install a hypothetical "KeeFox helper" executable we might be able to get something to work but it is unlikely that will exist on most user's systems so this work goes to the bottom of the priority list)  
  
- Multi-page logins (the code that will deal with filling and saving passwords gets created and destroyed on every page load, making this a technically difficult problem to solve)  
  
- Some assistive UI (e.g. new user advice, tips, security warnings). Things like "Save/update password?" should be possible in some form but may suffer from reduced usability  
  
- Usage metrics (this is useful for planning how to improve KeeFox but with limited control over the changes we are making for version 2.0, a reduction in the number of platforms running version 2.0 and a lack of time to analyse and act on the limited data we could collect, it's not worthwhile initially)  
  
- HTTP Auth/Proxy/Windows Auth dialog box filling and saving (not possible to modify the dialog box, other more-limited approaches could work if we have time though)  
  
  
  
Please feel free to comment or ask questions below. I'll try to reply regularly but hope you'll understand that my priority is developing the code rather than answering questions that have already been answered multiple times. If you can help answer anyone else's questions or get involved in other discussion threads that would be great.