

Feature Context: Auto-Refresh After Save

Version: 1.0

1. Feature Description

The goal is to update the frontend JavaScript logic to automatically and instantly reflect the addition of a new plugin after it has been successfully saved to the backend. This involves updating the in-memory data and re-rendering the user interface without a full page reload.

2. User Story

As a user, after I click "Save" on the "Add New Plugin" form and the operation is successful, I want to see the new plugin immediately appear in the main grid, so I get instant confirmation that my action was completed and I can interact with the new entry.

3. Core Requirements

- **Frontend Logic Update:** The submit event listener on the "Add New Plugin" form needs to be enhanced.
- **Data Handling:**
 - The backend's /api/plugin endpoint already returns the newly created plugin object (complete with its server-generated ID) in its success response.
 - The frontend fetch call must be updated to use this returned object.
- **UI Refresh Process:** Upon receiving a successful response, the JavaScript must perform the following actions in sequence:
 1. Add the new plugin object to the global window.vaultData array.
 2. Re-run the populateFilters() function. This is critical to ensure that if the new plugin introduced any new types, families, or tags, they are immediately available as checkbox

filters.

3. Re-run the master `applyAllFilters()` function. This will re-render the plugin grid, which will now include the newly added plugin and be correctly filtered according to the current view.

4. Vibe & Aesthetic

- **Vibe:** "Seamless & Dynamic". The appearance of the new plugin should feel like a natural and immediate consequence of the save action. The transition should be instant, with no jarring page reloads or flashes.