Aarnav/Shane #Issue 1064 https://github.com/elyra-ai/elyra/issues/1006

We initially took on this issue as we were told to start with issues labeled with "good first issue" and started work on issue #1006, which was to create a popup notification whenever a file was saved in the elyra pipeline editor. However, this issue proved to be more troublesome than initially thought. We had issues trying to understand where in the codebase we would need to make our changes and what functions had already been set up for the snackbar. The external mentors who were in charge of the weekly meetings said they weren't familiar with the frontend of the codebase and required another Elyra head to help.

After 2 weeks, we were able to finally get in contact with Alex Bozarth, who was familiar with the issue, and told us that the issue we were working on was to be a specific use case of a much larger issue that has not been resolved yet (https://github.com/elyra-ai/elyra/issues/1064   ), and as such we would need to implement the entire system for us to accomplish this task. We did brainstorm some initial ideas for the implementation of the code with him, but as our first issue it was too large a task for us to accomplish in a reasonable time frame.

As of Friday 7/22, the issue is to be scrapped entirely

> One announcement, though, for those assigned to or thinking of working on issue 1006 (https://github.com/elyra-ai/elyra/issues/1006): based on some features planned for JupyterLab in the next few months, it looks like this issue will no longer be relevant. I don't think anyone is still actively working on it, but I'll probably un-assign anyone in the next day just as a head's up 🙂

We looked at these resources during our time researching snackbar and we were able to understand how to setup instances of a snackbar for a single file.
https://mui.com/material-ui/react-snackbar/
https://fkhadra.github.io/react-toastify/introduction.

Viano/Vishal: Issue #1072 [Allow code snippets drag and drop into existing notebook cells · Issue #1072 · elyra-ai/elyra (github.com)](#)

When searching for an issue on Elyra we were told to look for an issue labeled as "good first issue" so we decided to do Issue 1072. Issue 1072 is to add a drag and drop feature for code snippets directly into a notebook cell (similar to insert function). After looking through the codebase and working on it for around two weeks we realized the issue was more complicated than it first seemed so we went to Karla who specializes in the Elyra front end for help. We discussed that currently the drag and drop feature is coded to create a new cell above the cell you are currently hovered over. In order to implement this feature, we would have to have the code differentiate between a hover over an existing cell to replace that cell, and a hover between cells to add a new cell. The issue was there was no listener between cells. We talked with Karla and showed her the part of the code we were looking at. She discovered that by dragging text into cells they would replace the cell, meaning there was code in place for drag and drop cell replacement. Eventually though she came to the same conclusion we did. She said that one drag and drop feature could be picked but implementing both drag and drop features would not be simple. To accomplish this is not possible in Elyra; it would need to be updated in the JupyterLab source code. She summed up our conversation in the comment below and removed the "good first issue" label.

karlaspuldaro commented 7 days ago   Member Author

After doing some research on the notebook drop handler code, it looks like this issue cannot be resolved without losing the feature of dropping a snippet as a new notebook cell.
Dragging objects into notebooks allows dropping notebook cells or plain texts.
Code snippets wraps their drag items in a notebook cell so that when dropped, it is added as a new cell populated with the snippet. When dropped on a File Editor, that widget gets the cell content.
In order to add a snippet to an existing notebook cell, the drag item needs to be a plain text, although when dispatching the with text only data, there is no way to drop it with the new cell wrapper, so it looks to me it is an either/or solution - unless it is implemented upstream (Drop of plain text within a notebook but not inside any cell should create a new cell with the drag content).
Code snippets already allows adding snippets to existing cells with the insert button, filling this gap.
@ajbozarth @marthacryan any ideas? If this is a confirmed limitation, we can close this issue or raise it upstream.

ptitzler removed the (**good first issue**) label 4 days ago