



UI Prototype document

#24: Copy & Paste

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Note:

This is a clickable interaction wireframe.

iteration 1

[Jump to contextual clipboard / vertical interaction >](#)

[Jump to clipboard panel / carousel interaction >](#)

iteration 2

[Jump to contextual clipboard spec >](#)

[Jump to contextual clipboard flow >](#)



Copy & Paste

Copy from canvas
to clipboard

Duplicate a
canvas/page

Duplicate a layer of
a canvas/page

Create an instance
of a sketch
element

Create an instance
of a page or layer

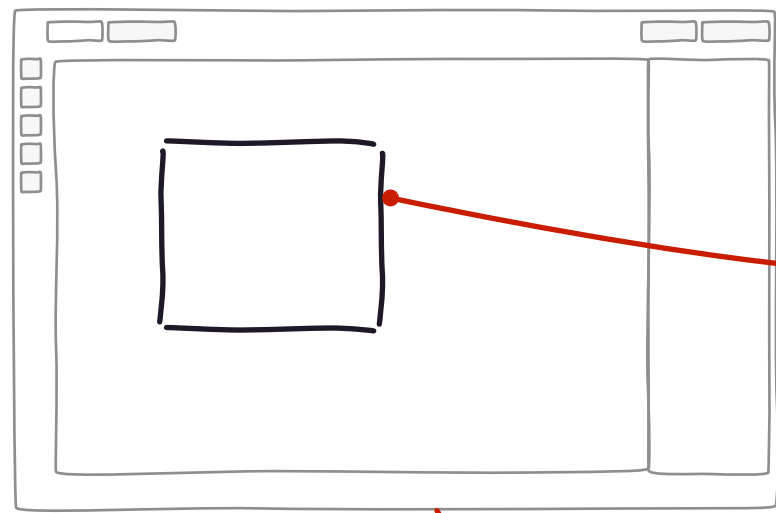
Immediately
duplicate sketch
element on to
canvas

More?? email
pauric@pauric.net
with additional tasks to
be captured here

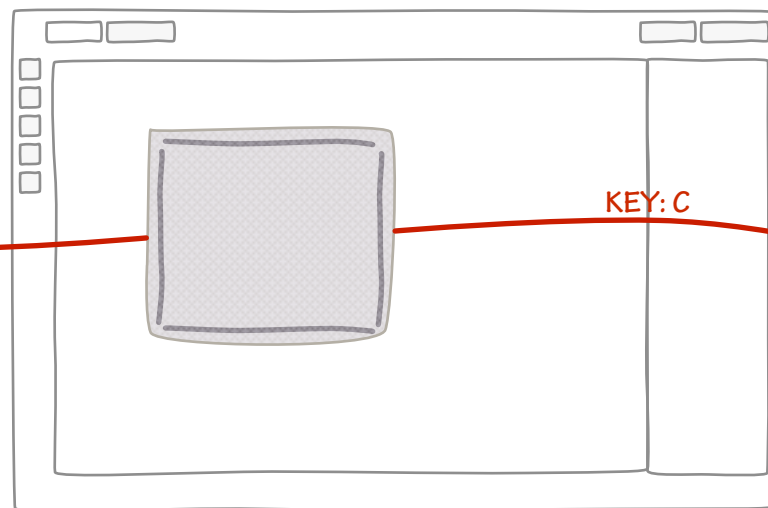


Copy canvass elements with pop-up

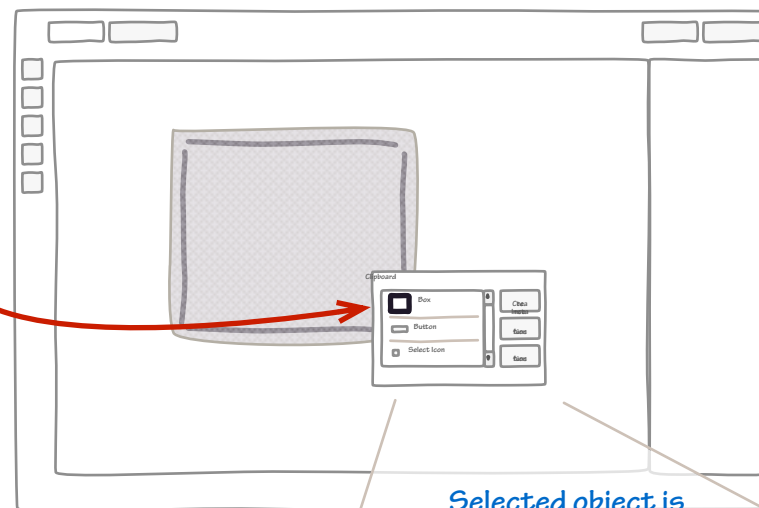
I'm beginning to question the flow of presenting the clipboard when user copies and item



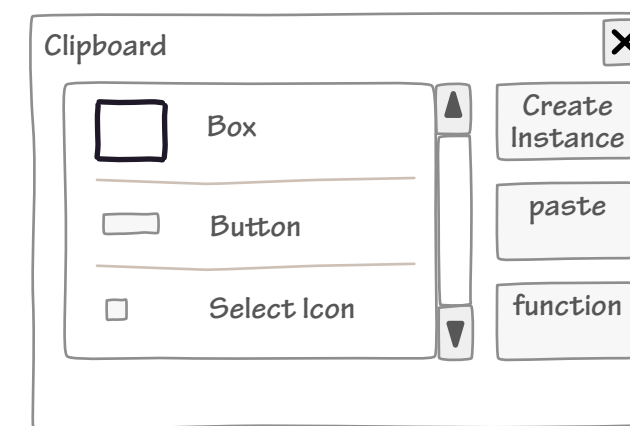
(A) select/highlight then call clipboard



KEY: C

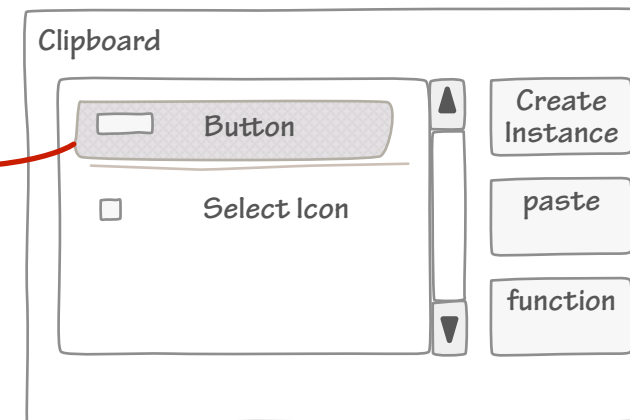
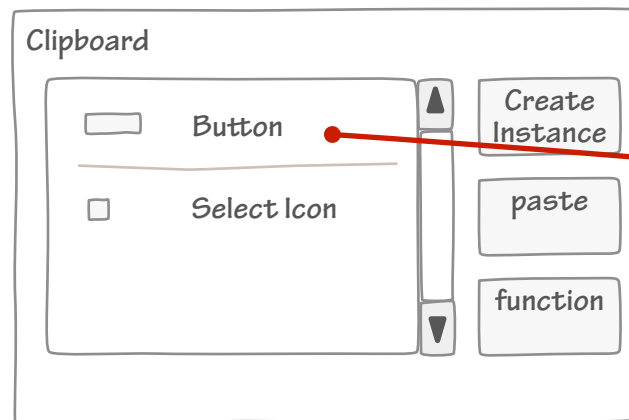
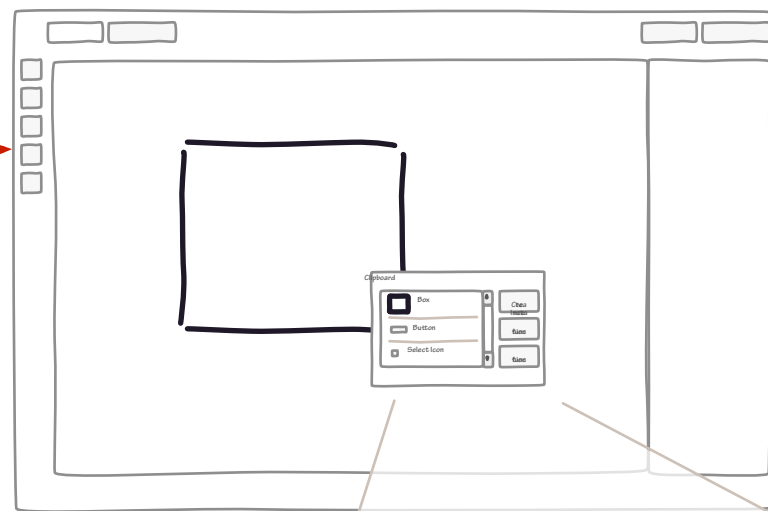


Selected object is automatically put in clipboard

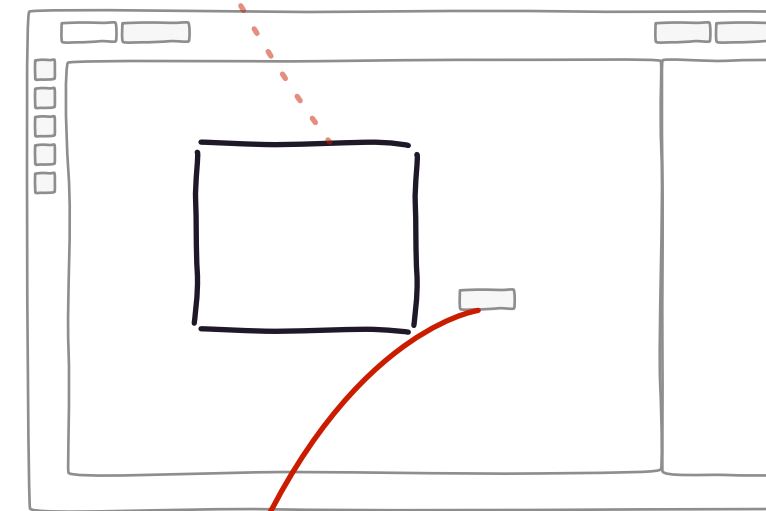


KEY: C

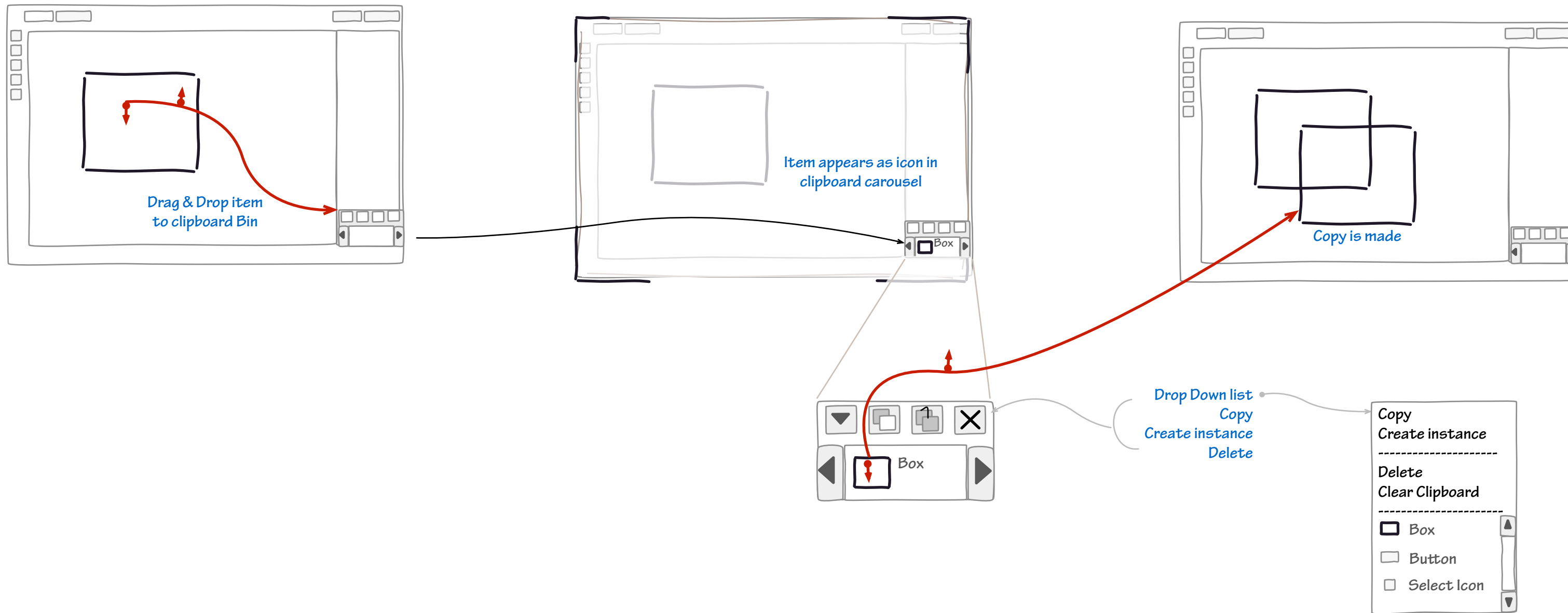
(B) Calling clipboard to paste elements to canvass



The user can now create copies or instances on to the current canvass or (close the panel?), switch pages and then create copies

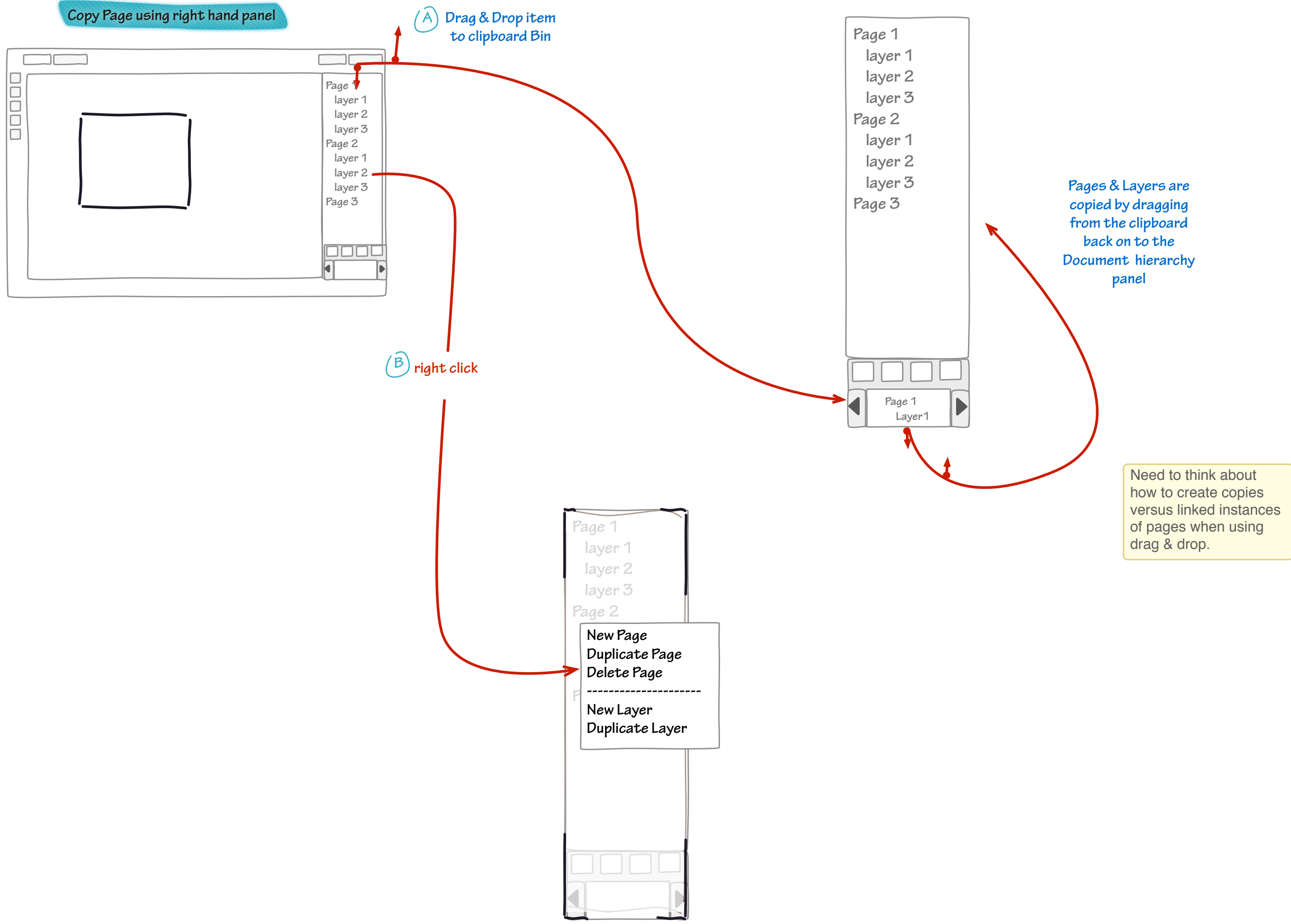


Clipboard bin in right hand panel



Need to think about how to create copies versus linked instances of pages when using drag & drop.

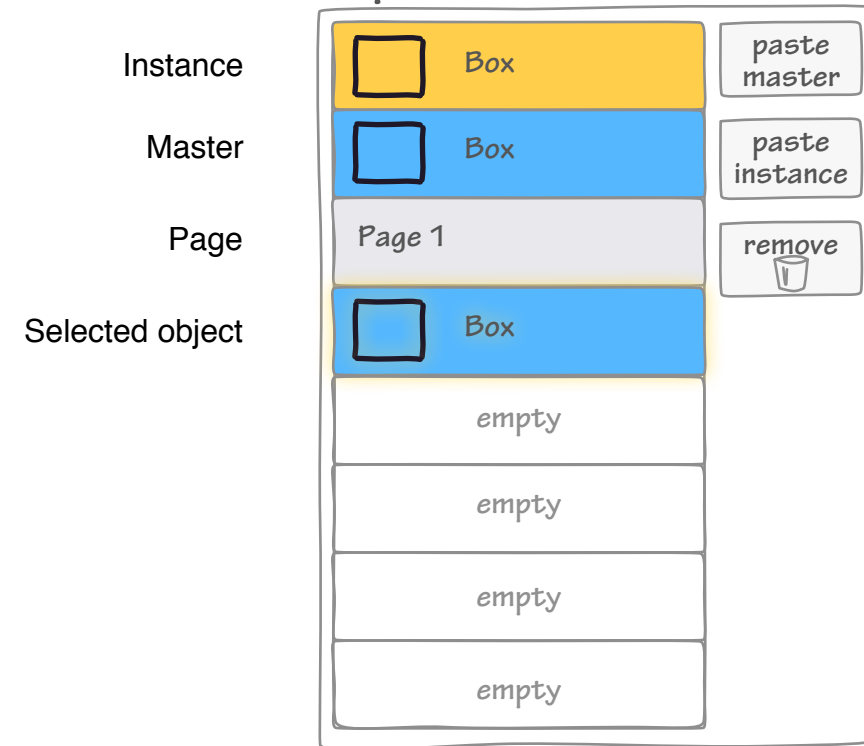
Copy Page using right hand panel





The most recent copied or cut item goes to the top of the list. 'FIFO'

Clipboard



The clipboard list is sortable.

Users can select an item and then click a button

OR

Drag an item over a button to pick up that action (onmouseover for .25S) - TDB

objects are removed by either
1) first selecting them and then clicking remove
or
2) Drag and drop on to the remove button

Jakubs comments leading to this iteration

1) Could the clipboard popup be taller as to minimize scrolling. If the interaction to bring up the popup is a HOLD C, then it will appear and disappear very quickly. So perhaps it could be larger..

2) I'm not sure what the difference is between paste and create instance. Is that the same functionality as on the existing CTRL V (paste) window .. with the "paste as new master" and "paste as instance" option?

4) I like the ability to have multiple items in the clipboard. Is the list infinite? Or should we cap it to 10 items (or so), and then also clearly show which items are about to be overwritten with the next copy?

5) I'd like to differentiate between what is inside the clipboard in terms of object or page, or maybe even instance?

6) I don't know if layers abstracted on the right hand column is the right way to go. I was thinking of handling layers in some new way... such as that they would be handled in the context of the workspace somehow. Perhaps something like ... the user select an object and specifies BELOW or ABOVE + selects another item. Or the layer palette appears in the workspace on demand, and only the relevant objects appear in context.

7) I like the popup approach better because it will allow for more items to be shown at once.

2. Right now a paste requires two CTRL+V as the clipboard prompts the user whether to paste as instance or new separate master. The other purpose of the delayed paste is that the first time the user presses CTRL+V, the location where the user will paste the item INTO is highlighted in the workspace. I still wonder if there could be an interaction to quickly force paste as instance for 90% of the cases with one keypress instead of two (most users will want to paste as instance anyhow).

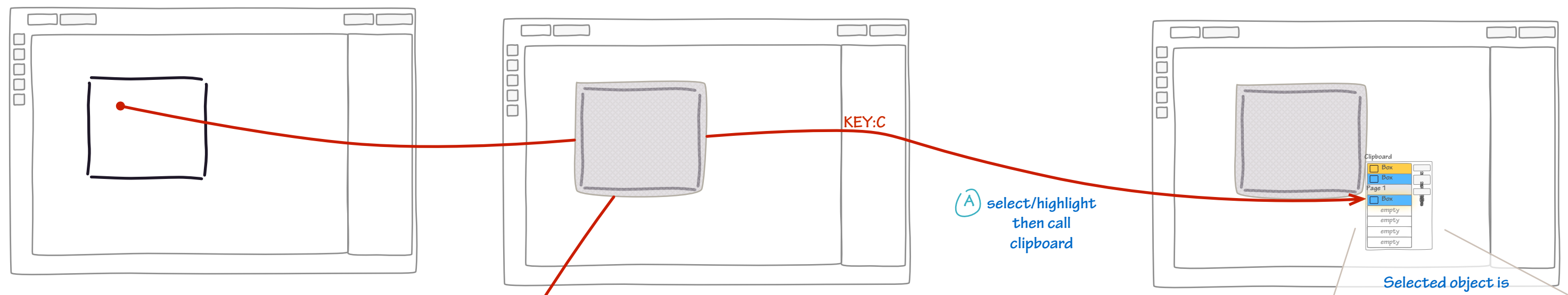
3. Probably need to distinguish whether an item is being Cut or Copied

4. Probably need to distinguish whether the item in the clipboard is a PAGE, Object or Form element.

5. Probably need to indicate whether an item is being pasted as instance or new master

6. Probably need to indicate where the item is being pasted INTO.

Copy canvass elements with pop-up



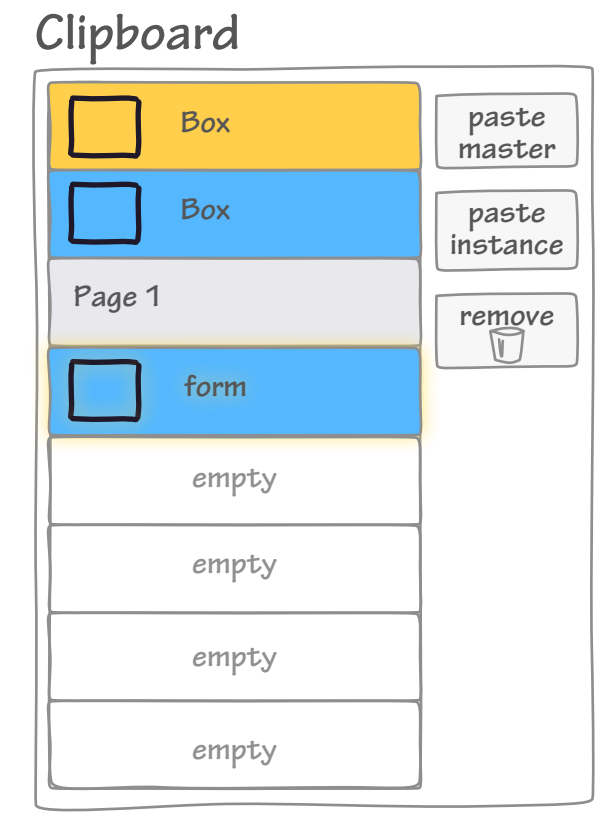
(A) select/highlight then call clipboard

Selected object is automatically put in top of clipboard

KEY: CTRL-C

(B) straight copy or cut and paste without viewing the clipboard

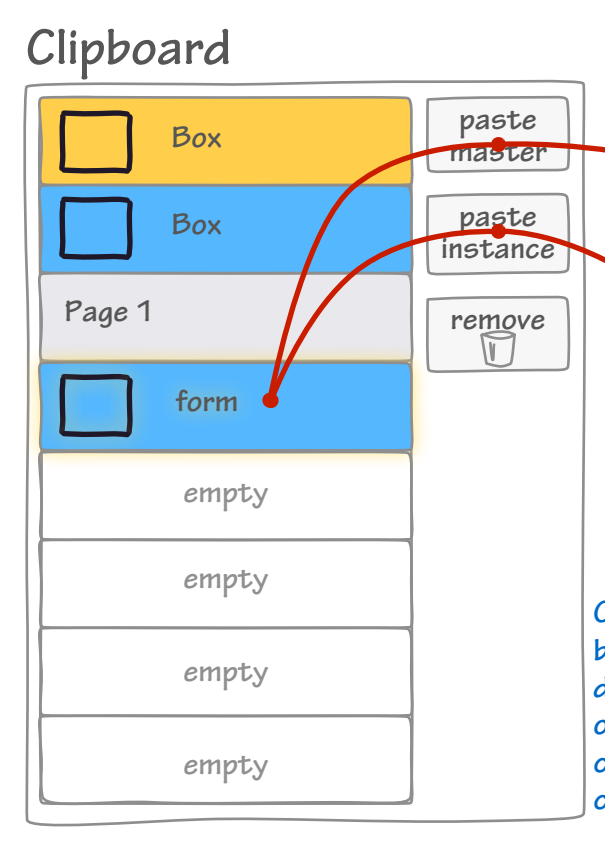
KEY: CTRL-V



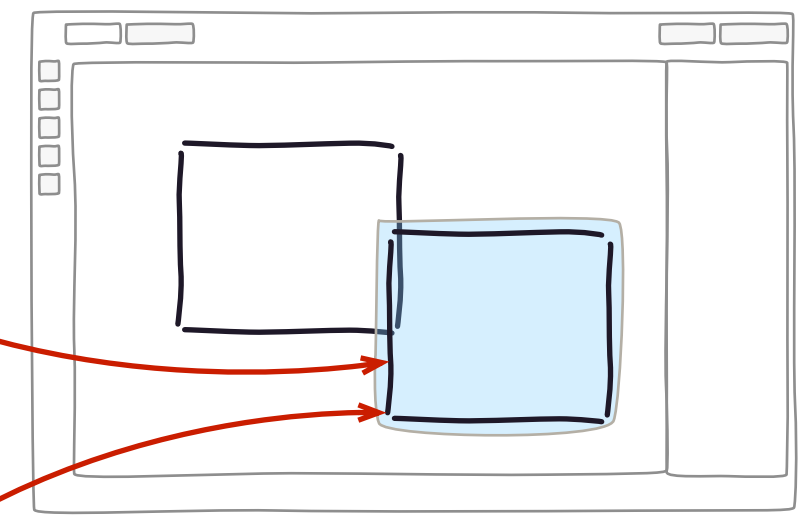
1 of three options can happen with 2 interactions

Paste: Click action

1) 'traditional' click. The user selects the item from the list (it becomes highlighted) and selects an action

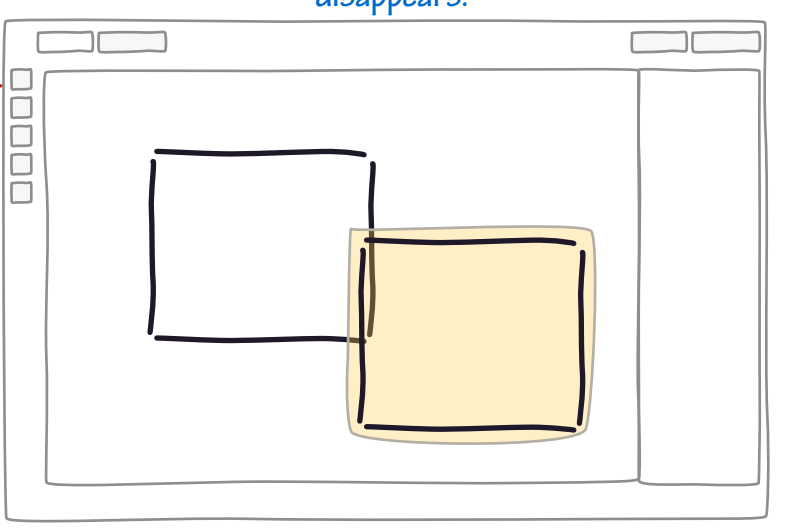


Once the user clicks a button the pop-up disappears and the object follows the mouse cursor until the user clicks again to place



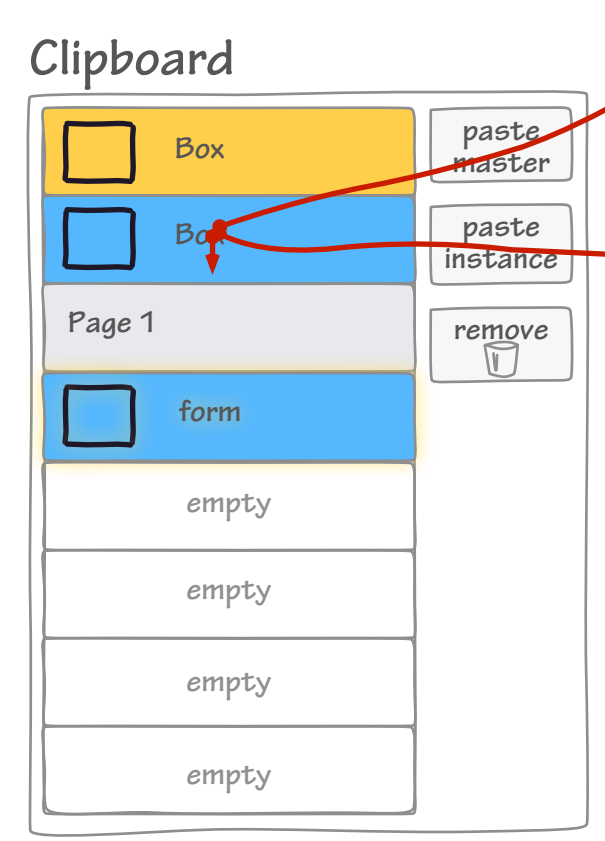
If the user clicked master the object is highlighted blue until dropped. If instance, highlights orange until dropped on the workspace. That is, in the above two screen states the user has not 'released'/placed the object

A new instance is created. The instance is 50% transparent, has an orange background or glow and floats with the mouse. The user places the instance by clicking with the mouse. The transparency == off and orange background disappears.

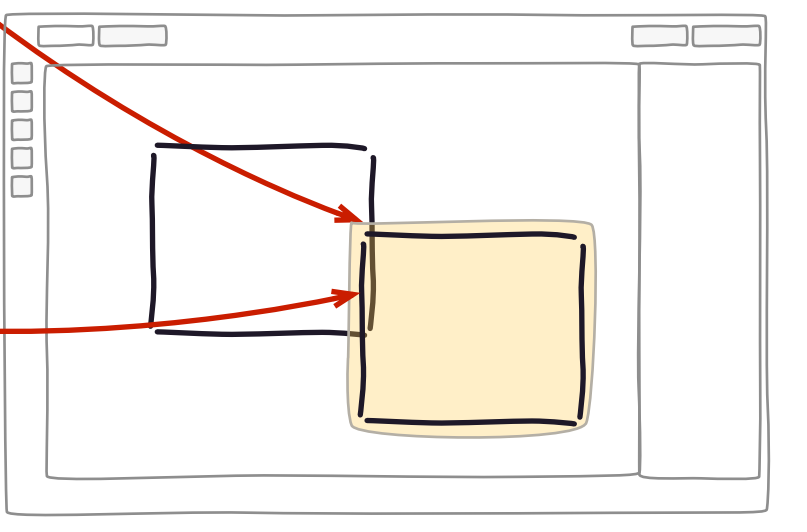


Paste: Hold action

2) the user drags and drops an item on to the workspace. By default this will create an instance. However, if they drag the item over the 'paste'



The user selects and then drags the objects over an action. Holds briefly, the pop-up disappears and they are left to simply place the object on the workspace



Remove: Click or Hold action

The user can either select and then click remove to discard and object OR Drag and drop the object on to the remove icon (akin to OS recycle bin / trash can)

