(Floe) video player interactions

Mouse interactions

There will be a hover style for the CC button that will override any other styling that might be on the CC button.

When the user clicks on the CC button

- the menu will show
- the visual styling of the button will change to reflect the fact that the menu is visible
- the "menu is visible" style is not the same as the hover style

The menu will hide when any one of the following happens:

- the user clicks on the CC button again
- the user clicks on a language in the menu
- the user clicks elsewhere in the interface

The currently selected item in the menu will have its own style. The menu items will have a hover style different than the 'currently selected' style.

The styling of the CC button will change to reflect whether or not a caption is currently selected. The "captions are on" style is different than the "menu is currently showing" style.

Single-clicking the video player container play/pauses the video

Double-clicking the video player container full-screens the video

Keyboard interactions

Tab focus order index for video player

1. Video player container

2. Play/pause button

3. Volume button

4. Scrubber

5. Closed captioning button

6. Transcript button

7. Full-screen button

If transcript is active:

8. Transcript language drop-down

9. Download transcript button

10. Close transcript button

11. Transcript area

Keyboard interactions for *Video player container*

- On stop/pause, **enter/space** plays the video

- On play, **enter/space** pauses the video

- **up/down arrows** controls volume

- **right/left arrows** controls scrubbing

- **esc** ?

Keyboard interactions for *Play/pause button*

- **enter/space** alternates between play and pause

- **up/down arrows** do nothing

- **right/left arrows** do nothing

- **esc** ?

Keyboard interactions for *Volume button*

- On focus, volume slider appears (focus is on the combined button + slider piece)

- **enter/space** alternates between muting and unmuting the audio

- **up/down arrows** increase/decrease the volume

- **right/left arrows** do nothing

- **esc** ?

Keyboard interactions for *Scrubber*

- **enter/space** do nothing

- **up/down** arrows do nothing

- **right/left** arrows scrub

- **esc** ?

Keyboard interactions for *Closed captioning* and *Transcript buttons*

- On focus, CC/Transcript menu does not appear automatically

- **enter/space** on button opens/closes CC/Transcript menu

- **up arrow** on button opens CC/Transcript menu and places focus on first item (at bottom)

- **up/down arrows** cycles through menu elements (down arrow does NOT close menu)

- **enter/space** on menu item activates the element and closes the menu; if the element is already active, keep element active and close the menu

- **right/left arrows** do nothing

- **esc** ?

Keyboard interactions for *Full screen button*

- **enter/space** alternates between full screen and windows

- **up/down arrows** do nothing

- **right/left arrows** do nothing

- **esc** ?

Cascading priorities for *esc*

1. If a menu is open, close it (i.e., transcript/closed captioning menu).

2. If in full-screen, return to windowed mode. Retain last focus.

3. If UI is open, return to container state.

* in particular, no special interaction for **esc** with the *Volume button*

Keyboard interactions for *Transcript area*

- On initial focus of transcript area, focus on highlighted phrase (if playing) or first phrase (if never played)

- **arrow keys** navigates thru the phrases while changing focusing appropriately; viewport follows focus of phrase, *not* highlight; once focus is lost (i.e., tab out of the transcript area), viewport follows highlight on next update (i.e., if video is paused, and focus is lost, no change of viewport occurs)

- **enter/space** activates phrase (i.e., scrubs to that phrase); if the phrase is already highlighted, video is scrubbed to the beginning of the phrase

- **esc?**

Keyboard interactions (older notes; need to review)

There will be a focus style for the CC button that will be different than the hover style.

Tabbing to the CC button will focus it but not show the menu. Enter or space will show the menu.

Once the menu is showing, arrow keys will move 'focus' within the menu items. This action alone will NOT actually 'activate' an item in the menu.

Items selected with the arrow keys will be styled differently than the currently active selection. James is still deciding whether or not this style will be different than the hover style.

While the menu is showing, enter or space will hide the menu. If the arrow keys had been used to change the selection, the new selection will be activated with the enter or space.

If the user has used the arrow keys to select something but NOT yet pressed enter or space, tabbing away from the CC button will hide the menu WITHOUT activating the selected menu item.