scripting for web applications

grab today's activity: *jslide*

studentvfiler / lecture activities / day8 / jslide

Lecture 8

jQuery plugin development

SFW-2 DUE Dates

Scripting for Web Applications

Item	Due Dates
Branding / Logo	~~07/09/13 - After Lab on the First Day~~
Creative Brief - Finished Document	~~07/16/13 - Before Lecture 4~~
Site Prototype *(html/css)*	~~07/20/13 - After Last Lab of the 2nd Week~~
Development Milestone *(javascript)*	~~07/27/13 - Due End of Lab 7~~
Inclusion of 5 media center items	08/03/13 - Last Day of Class After Lab
Aesthetics & Usability *(finished site)*	08/03/13 - Last Day of Class After Lab
Functionality *(finished site)*	08/03/13 - Last Day of Class After Lab
Professionalism	The duration of the course
Class Participation	The duration of the course

- jSlider

target.jslide(*options*)	We'll make our plugin as a *Factory Method* so that it can use the factory selectors as a target, and be chained on if desired. As usual, we'll declare some customizable options.

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- **Content Sliding Plugin**
  - ‣ Some ideal customizations would be:
    - ‣ vertical / horizontal
    - ‣ standard options *(speed / duration, easing, targets)*
    - ‣ multiple back/next controls
    - ‣ transition choices
    - ‣ looping *(forward to end and back)*
    - ‣ slideshow mode *(automatic slide)*

Tuesday, July 30, 13

how's it gonna work?

Tuesday, July 30, 13

html required

```
<div id="carousel">          // fixed width and height

    <ul>

        <li>Content</li>

        <li>Content</li>

        ...

    </ul>

</div>
```
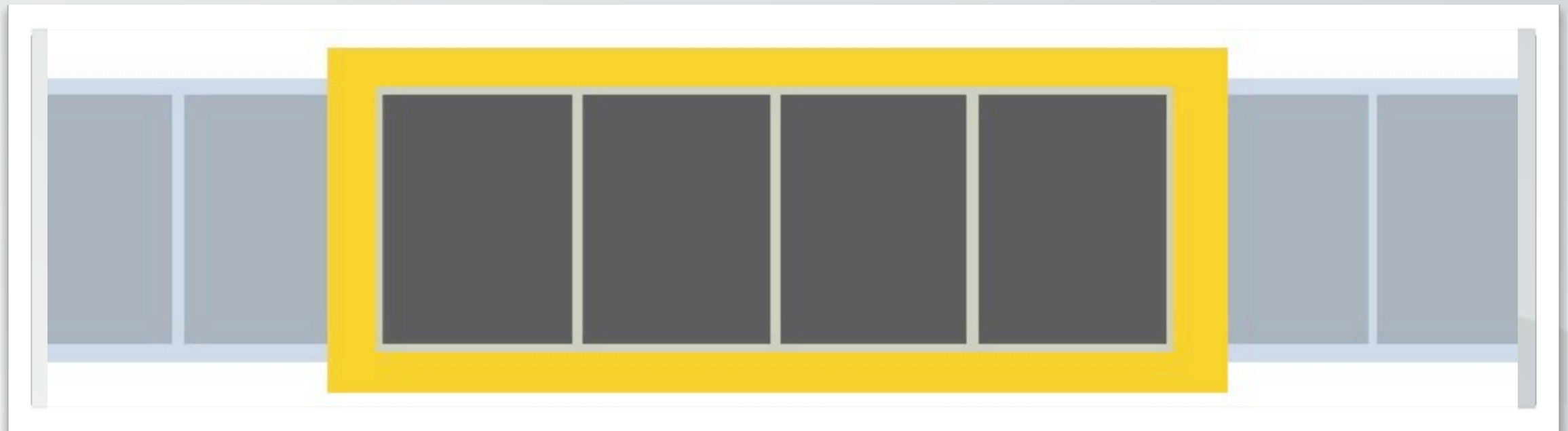
7

The filmstrip

<ul> ‣ *dynamic size*

<li> ‣ *floating left to stack*

<div> ‣ *fixed size, hide overflow*
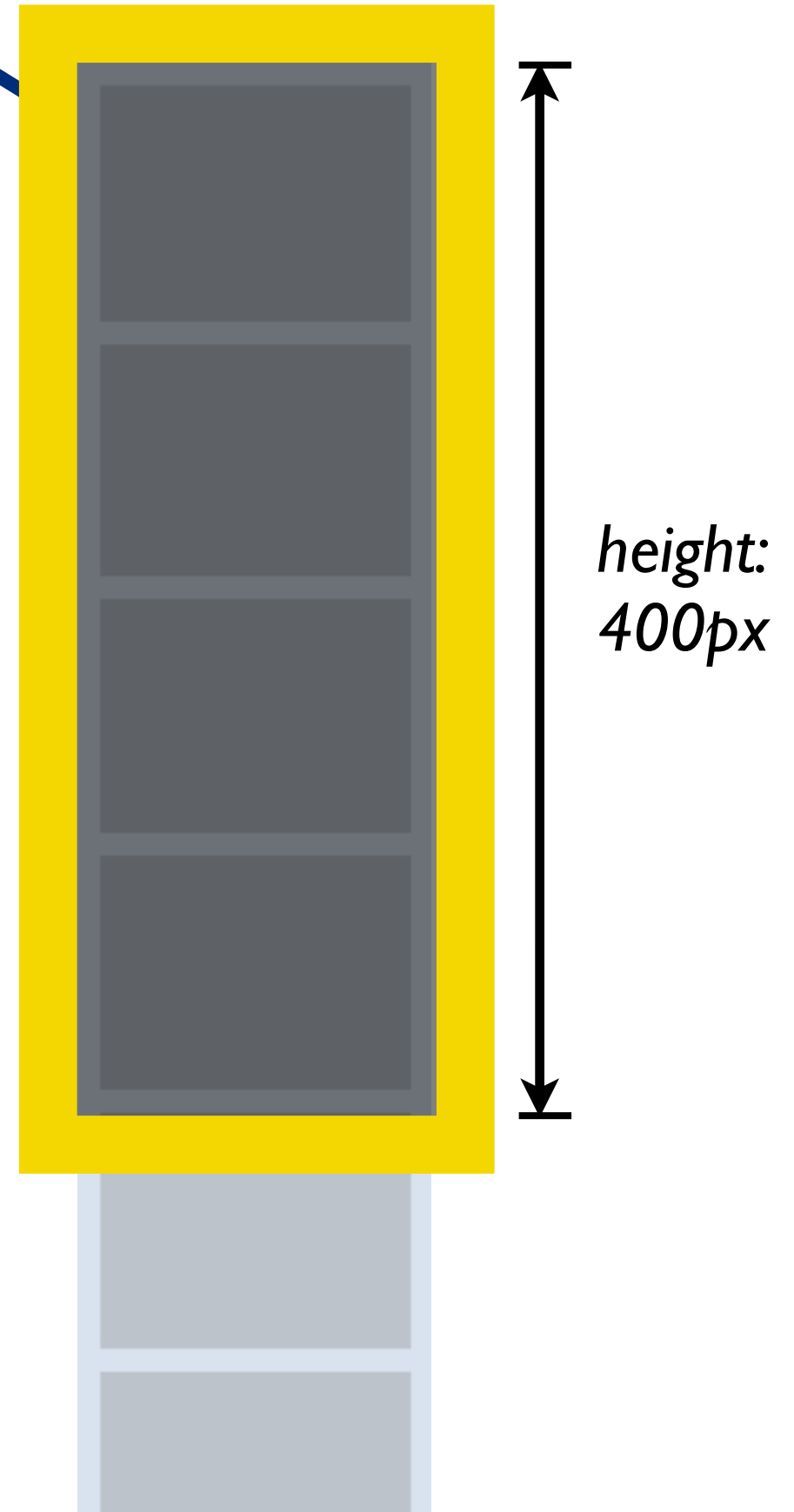
‣ use absolute positioning to move

- # non-default options

  - ▸ **width:** *size of viewport*

  - ▸ **height:** *size of viewport*

  - ▸ **items:** *# of visible items in viewport*

Vertical Example

y: -400

- *View area has a relative position (as parent)*

- *Filmstrip has absolute position*

- *Filmstrip begins at y : 0*

- *Each block of viewable content is a 'page'*

- *In this example, one block is height: 400px*

- *Move the filmstrip by a negative amount equal to the size of a block.*

- *Equation: - (page * height)*

height: 400px

Lecture Activity

download:
studentvfiler/lecture_activities**/jslide**

FSO Videos of SFW

http://wddbs.com/javascript/sfw/online/

Course Portal

http://wddbs.com/javascript/sfw/campus/

FINAL DELIVERABLE

Due before lab on the last day of class:

- ALL ITEMS ARE DUE.

lastname_firstname_FINAL.zip