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Since Spring 2013, I researched, initiated and implemented major changes to our undergraduate curriculum and initiated two new elective courses. My curricular research led to our new undergraduate studio track, *Design Studio*. The first semester of this course is in progress, with some results to share.

I proposed and ran two new open electives, both intended to nurture a interdisciplinary and research culture. Call for Proposals asked students to generate proposals as finished forms. The class attracted students from architecture, ID, Brown, GD undergrads and grads. This gave the students an opportunity to think 'big', and play out ideas that normally would be back-burnered due to a lack of skills or resources. Weekly guests shared how their ambitious projects made their way to reality.

HTML Output was an upper-level
Web class that asked students to use the

Web browser as a general purpose design tool. The second half of the semester was one collaborative project.

I am not showing work from Visual Systems and Relational Design, the junior year courses that I taught in spring of 2013. Those courses are team-taught, with a curriculum that was identical to my previous review. The student results are in keeping with the previous courses. I am listing URLs for all course websites below. Although also in my last dossier, the workshop *Digital Bits*, also ran last year, but I adjusted the curriculum with improved results.

RD13.JOHNCASERTA.INFO
VS13.JOHNCASERTA.INFO
CFP13.JOHNCASERTA.INFO
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HTMLOUTPUT.CHARRETTE.WS

DS1416.RISD.GD

Fall 2014

John Caserta

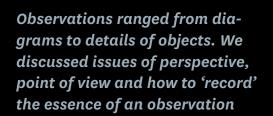
Design Studio is unit-based, with each instructor offering a unit of study to all 60 students. The unit is constructed around one faculty member's research question. Perhaps more important than end products is getting students up to experiment with different ways of working, researching and making.



Ben Shaykin's unit on tools in design began with students choosing a mystery tool in an envelope. Fall 2014

My one-week unit started off the semester: How can we make use of everyday observations in our work? Designers are often asked to contribute in areas where they are novices — needing to regularly learn new content and contexts in order to design. One component skill is the ability to see, to make sense of what one sees, and then communicate that clearly back to others. Put more broadly, how do you make sense of an existing condition? How do you distill or find meaning in what is already there? And how can you make use of it? Placed within the context of a design process, this is defined as observational research, assessing what 'is' before anything needs to be 'done'. What designers do with their

research is another question altogether. This one-week unit asks students to experiment with various forms of documenting observations and trying various forms that communicate them to a new audience.



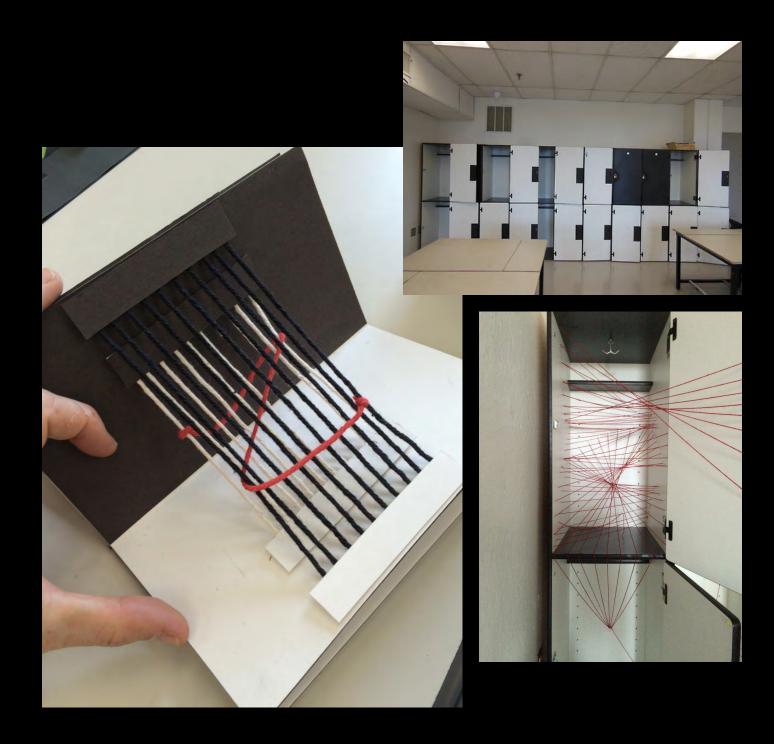
Design Studio 1 SOPHOMORE REQUIRED

Fall 2014

John Caserta

Unit 4: How does space influence design concepts? How do designs alter space?

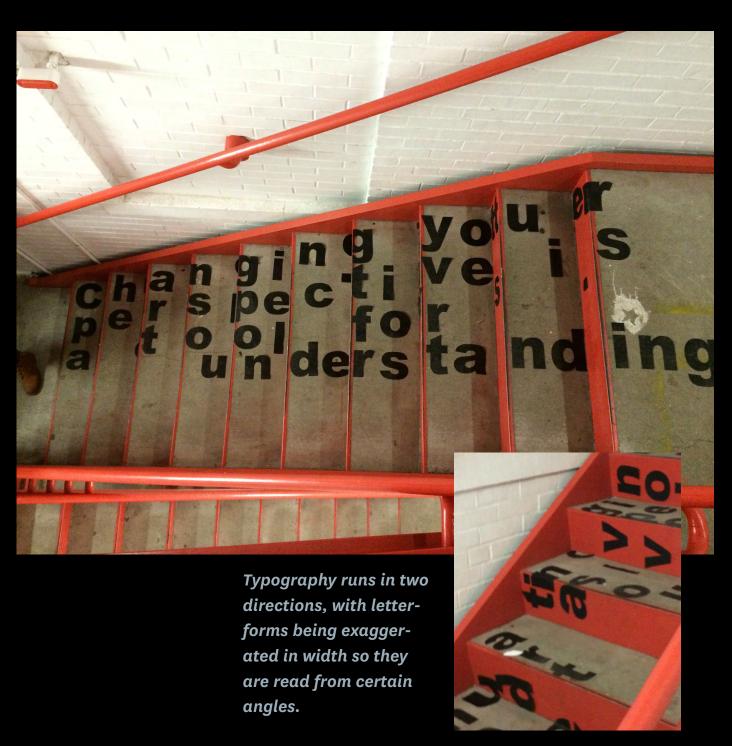
This student chose a wall of lockers on the 7th floor of Design Center. I asked students to make a tabletop object that allows them to work through eventual installation ideas in a studio environment. The tabletop object be generative, helping to explore themes that the student is interested in. Jamie's book form explores the opening and closing gesture of lockers and what experiences can be had with using string. Her final project makes use of the gesture in her model, but also fills all the open lockers with a connective 'network' of string.



Fall 2014 John Caserta

One student turned all of the physical interfaces of a soda machine into an arcade game.



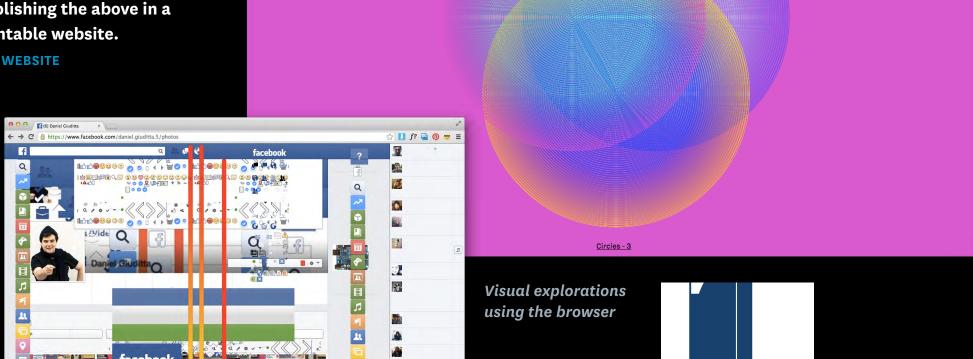


Spring 2014 HTML Output, ELECTIVE John Caserta

← → C | phil-cao.com/DearChrome/circles/

Student work from HTML Output fell into these categories: interviews, formal explorations using the browser, code libraries resulting from these explorations, and the group project publishing the above in a printable website.

SEE WEBSITE



HTML Output, ELECTIVE Spring 2014 John Caserta

Sadly, rather than returning the printed student evaluations to the library, the designated student packed them away with his studio materials and took them back to his parent's house. I have made attempts to get them sent back to Academic Affairs.

However, I have had discussions with some of the students from HTML Output and reflected on the course a great deal. After an introductory assignment, I asked students to break into research areas and develop projects using the browser as a tool for some area of design to be consumed out of the browser: visualization, poster series, typography. I was surprised to see only surface experimentation with these areas. I had faith that the seniors and graduate students could dive deep and generate a coherent body of work. Most of them needed a lot more structure. I remain excited and optimistic in the role of the 'research' elective at RISD, but I do think a class of this sort needs more models and structure. One example would be to ask students to restate research interests in their own language. And that experiments lead to a hypothesis or greater argument.

The example at right was a common pitfall. There was a significant amount of experimenting with existing websites, but much less original content generation or the ability to build up on the experimentation. This was due also to the technical nature of the class.

The second half of the semester was more structured and we accomplished a lot. But I do think individual projects lacked depth and focus.



HTML Output, ELECTIVE Spring 2014 John Caserta

The second half of the semester was dedicated to making a web to book project. There are examples of my designs in my professional work section. Here I am showing a bit of the work of the students. Most significantly was the coding and systems work that enabled peer collaboration and the web to print system to work.

evanbrooks / bindery

evanbrooks on Jul 24 Initial

135 lines (100 sloc) 3.53 kb

// BINDERY. JS

this.isBound = false:

var postBindFuncs = [];

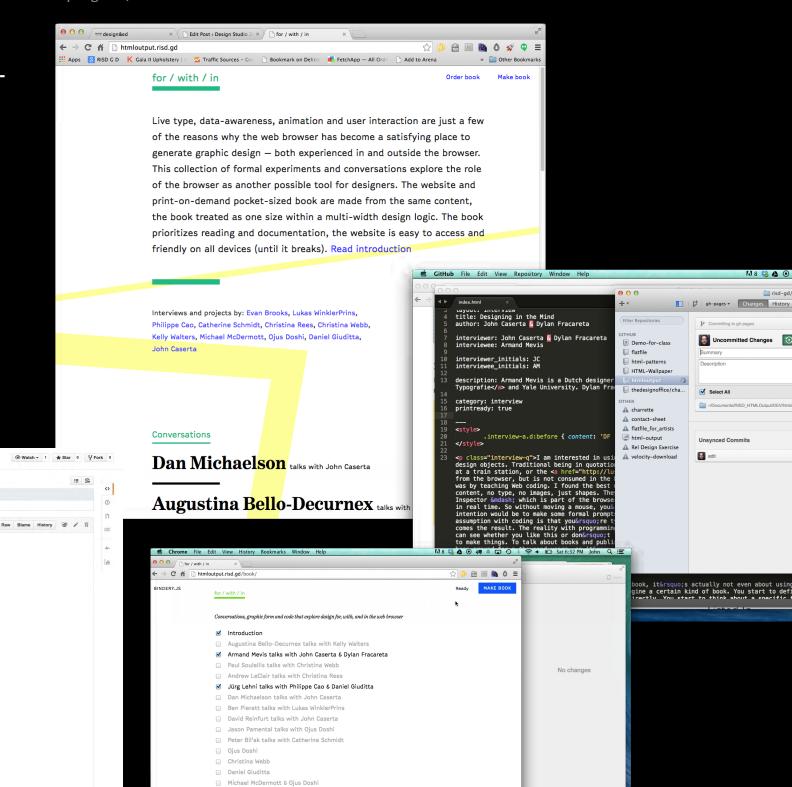
// whatever changes it wants
this.beforeBind = function(preProc) {

// both the DOM Node for each page in turn,

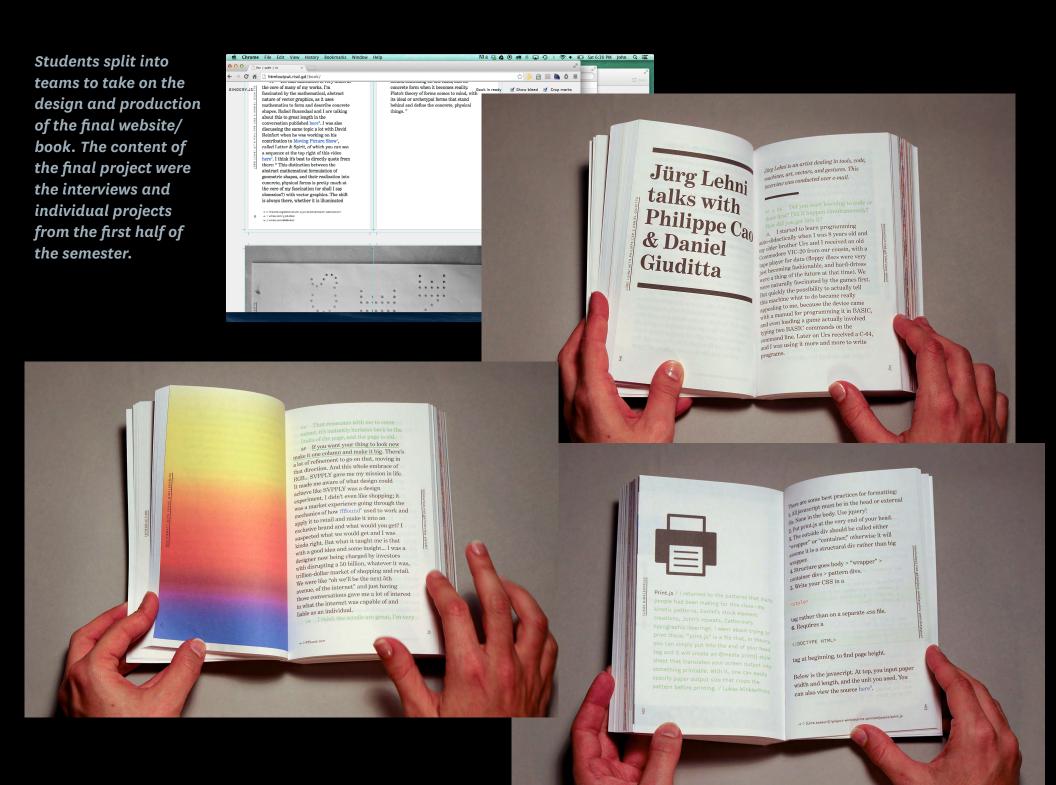
preBindFuncs.push(preProc);

// taught by John Caserta at RISD in Spring 2014

p branch: master - bindery / bindery.js



HTML Output, ELECTIVE Spring 2014 John Caserta



Call for Proposals Spring 2013 John Caserta

Call for Proposals was an interdisciplinary elective that treated the proposal as end form. This allowed students to reach beyond what they could make themselves and to create actual pitches to solicit collaborators, access and funding. CLASS WEBSITE

LOG ON &

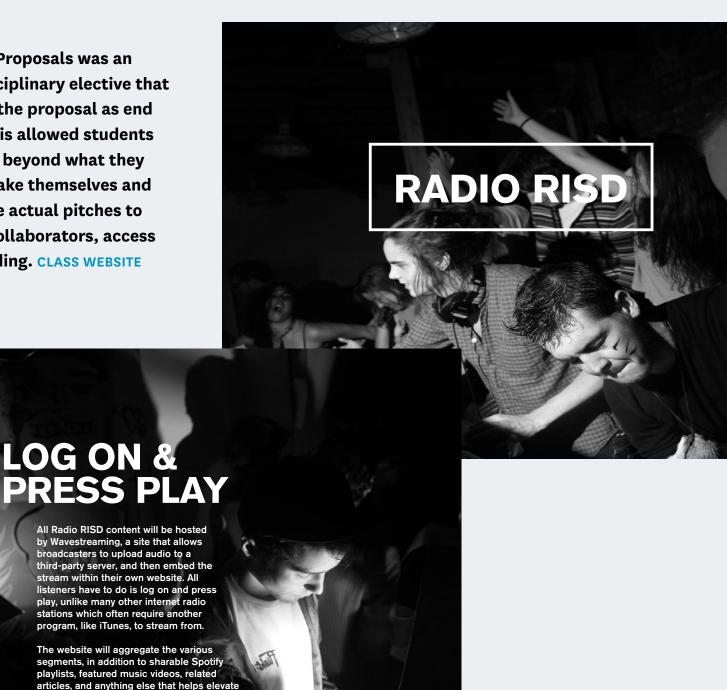
by Wavestreaming, a site that allows

broadcasters to upload audio to a

stream within their own website. All

stations which often require another program, like iTunes, to stream from.

the Radio RISD content and experience.



CSI gets proposals every year from students to start a Radio Station. This is the first one they took seriously and funded.

Call for Proposals Spring 2013 John Caserta

Proposals ranged from Kennedy Plaza art installations to books proposals and products for Kickstarter to funding for magazines.

Helvetica Ornament : A Kiley



13.







Call for Proposals Spring 2013 John Caserta

I ran an open lunchtime lecture series to discuss how different practitioners tell their story of how they pitched their own projects. Many were via Skype, which worked really well.













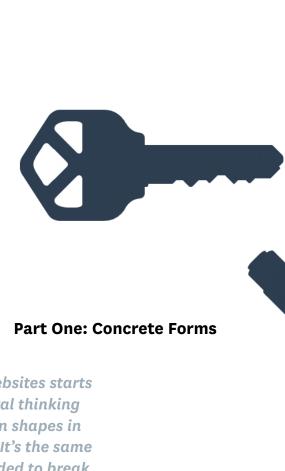






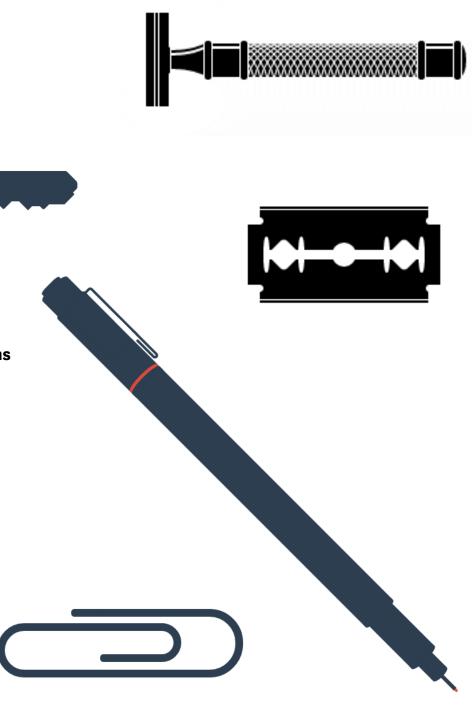
Digital Bits was a three-week rotating workshop for sophomores. It is being transitioned into a four-week 1-credit elective starting this spring. The workshop uses drawing as a means to teach web programming languages.

CLASS WEBSITE

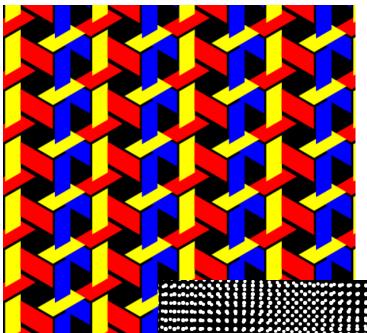


Designing websites starts with structural thinking — blocking in shapes in the browser. It's the same thinking needed to break objects into shapes. This process demands that you both plan your shapes in advance (by sketching) and adapt them to the reality of what you are able to code and what you see while you are coding.

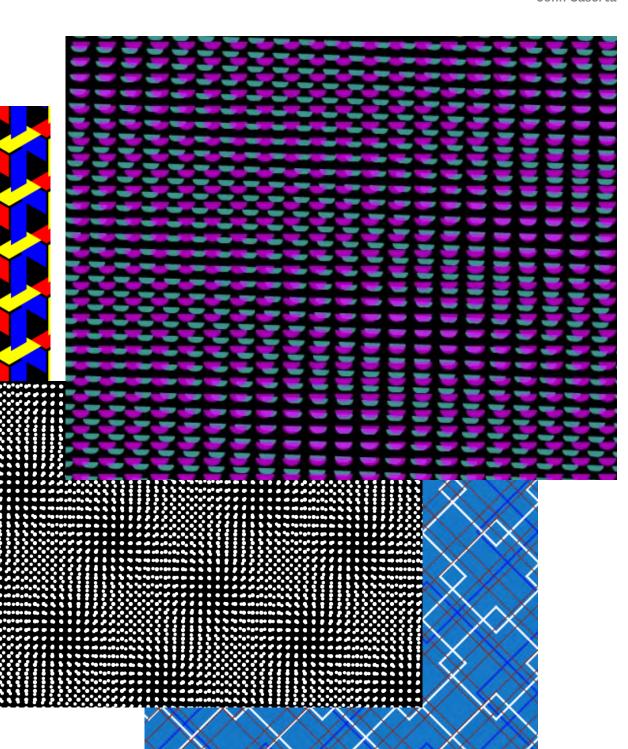




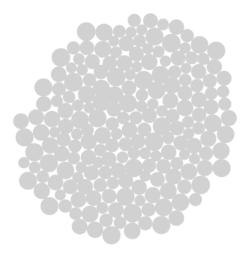
Part Two: Abstract Forms



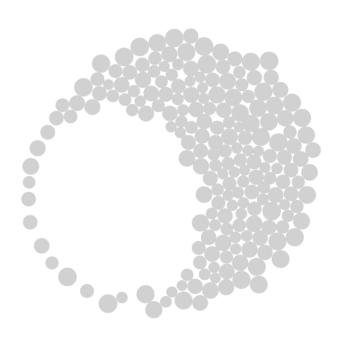
The web is not about control. This take-home assignment asks students to take specific elements and repeat them to form a continuous pattern. The pattern may be created from the combination of floating elements and positioned elements.

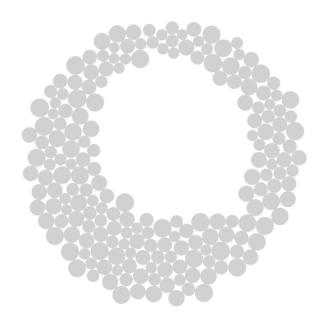


Part Three: Active Forms



"Make a work that shifts and alters its experience based on the size of the browser." You may also introduce interactivity and interactions within the browser itself. However, the focus of the assignment is the "transition" between states. How can you activate/animate/create unexpected changes in those states.





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