Overview

- Preliminaries.
  - Admin.
  - Some notes on HW 8.
  - Additional questions on HW 8.
- Quick notes on image-compute!
- Lab.

Preliminaries

Admin

- Exam 2 returned. I’ve sent out an answer key.
- Reminder: I get so much email that sometimes I miss some, and often I file it automatically without reading it. If you need me to read your email
  - Give it a clear title that indicates that I should read it. "Homework" and "Exam" suggest to me that you are submitting work.
  - Remind me if I haven’t responded in a day or two.
  - And remind me again if I still haven’t responded.
- This Friday we will be moving our class to ARH 302 (3rd floor lecture hall) to hear Hilary Mason ’00. Class starts at 12:45.
  - We won’t have a quiz this week.
- Upcoming extra credit opportunities:
  - Town Hall, Wednesday, November 13, noon or 7:30 p.m.
  - Learning from Alumni, Thursday, 2:15: Atul Gupta, Trustee
  - CS Extra, Thursday, 4:30: Hilary Mason ’00
  - Informal chat with Hilary Mason, 8-9 pm
  - CS Table, Friday, HCI
  - Career Connections with Hilary Mason ’00, CLS, Friday, 4:15-6:30 (I don’t know how Career Connections work)
  - Football, Saturday, noon
  - Swim meet Saturday, noon. Beth swims at 3pm
  - Basketball, Friday and Sunday
  - Digital Commons talk Monday, November 19, 7:00 p.m. or so
  - Andrew Sherburne ’01 movie, Monday, November 25, 7:00 ARH 302
  - "Data Sovereignty: The Challenge of Geolocating Data in the Cloud", November 25, 4:15 JRC
Some ideas on HW 8

Additional Questions on HW 8

Quick notes on image-compute!

Form

(image-compute (lambda (x y) *formula-to-compute-color*) *width* *height*)

Simple color blend

(image-compute (lambda (x y) (rgb-new x 0 x)) 255 255)

Colors are numbers. Who needs to be sensible?

(image-compute (lambda (x y) (+ (* x x x) (* 3 y x y))) 255 255)

How are RGB numbers computed? Something similar to

(+ (* 256 256 red) (* 256 green) blue)

Lab

- Some things appear to be broken. Bleh.

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