

Shifts - A webapp for managing student employees

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- Students
 - Approx. 11,000 overall
 - 1/2 Undergraduates housed in 12 residential colleges
 - 1/2 Graduate & Professional Students
- 3 Full-Time Employees
 - Manage a staff of 110 students
 - Students staff 3 Public Clusters, check on ~15 additional clusters
 - Also staff a walk-in helpdesk and provide in-room support as needed

- What we'll cover today:
 - Motivations for building this app
 - How we developed it
 - Application Demo
 - What we're working on next
 - How you can use it

Why did we
build this?

Why did we build this?

- We have a large staff of students
- They are scattered over the university
- They do a lot of different things
 - Hardware repair
 - Software troubleshooting
 - Managing toner and paper
 - Checking out media equipment
 - Supporting classrooms
- Want to keep students up-to-date

How did we
develop it?

- Then
 - Current version (1.0) built in 3 months by 8 students
 - Built using Ruby on Rails - an amazingly helpful framework
- Now
 - Working on 2.0 this summer
 - 12 developers (4 testers)
 - Plan on releasing fully stable version by Aug 15th

Demo

What's next?

- Additional authentication sources (OpenID, Built-in)
- Improved interface
 - Greater focus on interactivity
 - Dashboard to give students quick access to common actions
 - Improved user management
- Allow app to function as CalDAV server
- More powerful data collection engine
- Student Appointments

Interested?

- If so, let me know (adam.bray@yale.edu)
- The 2.0 branch is already open-sourced online (GitHub)
- Aiming to have a demo version of the App available for you by the end of this week

What do I need
to use it?

- Preferred
 - Server running Linux or OS X
 - Apache + Rails Server (Both free and open-source)
- Alternate - Heroku
 - Heroku provides free and paid hosting for Rails applications
 - We're still working on compatibility, but we're working hard to make sure it is

Questions?

Evaluations!

Please fill out an evaluation form:

resnetsymposium.org/rspm/evaluation/