

Shifts 2.0 - A webapp for managing student employees

Adam Bray
Assistant Manager, Student Technology
adam.bray@yale.edu

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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
 - Version (1.0) built in 3 months (2008) by 8 students
 - Built using Ruby on Rails - an amazingly helpful framework
- Now
 - Finalizing 2.0 this summer
 - 10 developers
 - Stable and in use for the past year, now polishing and adding features

Demo

<http://mahi.its.yale.edu/prefix>

What's next?

- Making it as easy as possible for you to use our application
- Additional authentication sources (OpenID, LDAP)
- New Features
 - Just finished ability to sync schedules via iCal, Outlook, etc
 - More powerful data collection engine

Interested?

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

- Sign up at tinyurl.com/resnet-shifts
- The 2.0 branch is available at <http://github.com/YaleSTC/shifts>

Questions?

Evaluations!

Please fill out an evaluation form:

resnetsymposium.org/rspm/evaluation/