

# Chandler and Westwood

Educause 2003



OPEN SOURCE APPLICATIONS FOUNDATION

# Chandler

- Open Source Personal Information Manager
- Email, calendar, contacts, tasks, free-form items
- Easy sharing and collaboration
- Server optional
- Linux, Mac, and Windows
- Modular and extensible platform



# The Heart of Chandler

- Organize and structure information the way people think
- Rich ability to associate and interconnect all kinds of items
- Ground-up rethink of user experience including sharing and collaboration
- Both an app and a platform: customizable and extensible



# Project: My Wife's Surprise Party

## Calendar

	Sun-July 14	Mon-July 15	Tue-July 16	Wed-July 16	Thu-July 17	Fri-July 18	Sat-July 19
9:00							
10:00							Davis Beach bike ride
11:00							Flower Delivery
Noon							Guests Arrive
1:00							Surprise party for Elaine!
2:00	Planning Meeting						
3:00				Kids' song rehearsal			
4:00				Put together slide show			
5:00						Pick up cake	

## About

Shhhh. . . You are cordially invited to  
a . . .  
<SURPRISE BIRTHDAY PARTY>  
For Elaine Jek

Saturday - July 18  
At the Levin's  
23210 Juniper Avenue, Torrance  
Please RSVP to Chao by July 11th -  
Thanks!

## Participants

Confirmed	Tasks
Mitchell BAKER (+1 guest)	<a href="#">Pick up cake</a> , <a href="#">Sesame Noodle Salad</a> , <a href="#">Planning Meeting</a> , <a href="#">Davis Beach bike ride</a>
Katie CAPPS PARLANTE (+2 guests)	Bring girls' scrapbook, <a href="#">Crispy Chicken with Seaweed</a>
Elaine JEK	Our surprise guest
Chih-Chao LAM more	<a href="#">Kids' song rehearsal</a> , <a href="#">Put together slide show</a> , <a href="#">Flower Delivery</a> , <a href="#">Planning Meeting</a> , <a href="#">Cook Abalone</a>
Not Yet Responded	
Andy HERTZFELD more	

## Message Threads

JLevin: So, have we agreed it's going to be a potluck?

MBaker: Yeah, let's do that. I'll bring cold noodle salad

Chao: The potluck is confirmed - I've created the [Potluck List](#) for everyone. How about last names A-L bring a main dish and M-Z bring drinks and desserts?

Chao: Can anyone loan me a projector?

SHajamavis: I've got a projector.

more

This is a "Surprise Party" document. "About" introduces the project, while "Calendar" and "Participants" indicate key people and tasks. The "Message Board" keeps everyone in sync.

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By clicking on a participant (Mitchell Baker), you can preview key contact data and see her related activities and tasks. This highlights the interconnections between disparate data.

# Chandler 1.0 (Canoga)

- Q4 2004 (“alpha” Q2 2004)
- Baseline feature set + a few compelling ‘cool’ features
- Target: ‘info-centric’ users
  - High volume information transactions
  - Information spanning multiple domains and richly inter-related
  - Low reliance on organizational infrastructure
  - Self-declared technology enthusiast
  - Routinely collaborates with other info-centric users



# Chandler 2.0 (Westwood)

- Scheduled for Q3 2005
- First version for institutional adoption
- Target: students, faculty and staff in higher education
- Incremental requirements form basis for \$2.75 MM CSG/Mellon Grant



# Timeline: Canoga

Major Milestone	Date	Notes
0.1 release	April 2003	First public source release
0.2 release	Oct 2003	Architecture release, with data framework in place
0.3 release	Jan 2004	All the major Chandler architecture and platform components are in place
0.4 release	April 2004	Significant end-user features are in place
0.5 (alpha) release	July 2004	Canoga functional completeness
0.6 (beta) release	Oct 2004	Ready for extensive public testing
1.0 (Canoga) release	Jan 2005	First stable end-user release targeting info-centric people



# Timeline: Westwood

Westwood (alpha)	May 2005	All incremental requirements required for Higher Education institutional deployment are in place
Westwood (beta)	July 2005	Extensive testing of Westwood takes place in universities
2.0 (Westwood) release	Sep 2005	Large scale deployment of Westwood
2.1 release	Dec 2005	Resolve potential scalability, robustness and deployment issues uncovered only after large-scale deployments



# 0.2 Release

- Released Sep 25th 2003
- Data Model and Repository
- Notification Framework
- Agent Framework
- Chandler Presentation and Interaction Architecture [CPIA] (first-cut)



# 0.3 Release

- Presentation and Interaction Architecture sufficient to migrate Calendar and Contacts
- Parcel Framework
- Security Framework
- Sharing Framework
- Demonstrate Agents and rudimentary email
- Repository improvements



# Key Westwood Requirements

- Nomadic usage and central repositories
- Standards based CAP (Calendar Access Protocol) client
- Full interoperability with standards based infrastructure
- Robust security framework
- Next level of maturity in features, performance and robustness



# Westwood Grant

- \$2.75 MM grant to develop Westwood over next 9 quarters
  - \$1.5 MM from Andrew Mellon Foundation
  - \$1.25 MM (\$50k each from 25 CSG universities)
- A new model for financing open source projects
- First step to engaging higher-ed community
- Creation of Westwood Advisory Council
  - Key vehicle for OSAF/CSG collaboration



# Key Challenges

- Hiring and growing pains
- Feature prioritization
  - specify scope of Chandler (Canoga) more clearly
- Nailing down architecture and inter-dependencies
- Making decisions faster and communicating them better
- Accurate bottoms-up scheduling
- Managing reliance on external technologies and partners
- Community Engagement and Involvement

