

Chandler: An Open Source Personal Information Manager

October 16, 2003



OPEN SOURCE APPLICATIONS FOUNDATION

Chandler

- Open Source Personal Information Manager
- Email, calendar, contacts, tasks
- Documents, bookmarks, RSS feeds, “your stuff”
- Simple, powerful sharing and collaboration
- Server optional
- Linux, Mac, and Windows
- Modular and extensible platform



The Heart of Chandler

- Organize and structure information the way you work and think
- Supports the modern email-centric lifestyle
- Rich ability to associate and interconnect all kinds of items
- 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 | Planning Meeting | | | | | | Surprise party for Elaine! |
| 2:00 | | | | | | | |
| 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) | Pick up cake , Sesame Noodle Salad , Planning Meeting , Davis Beach bike ride |
| Katie CAPPS PARLANTE (+2 guests) | Bring girls' scrapbook, Crispy Chicken with Seaweed |
| Elaine JEK | Our surprise guest |
| Chih-Chao LAM more | Kids' song rehearsal , Put together slide show , Flower Delivery , Planning Meeting , Cook Abalone |
| ▼ 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?

SHajarnavis: 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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more

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)
- “iApps on steroids”: baseline feature set + compelling ‘cool’ features
- Target: ‘info-centric’ users
 - Create and consume richly inter-related information spanning multiple domains
 - Low reliance on organizational infrastructure
 - Self-declared technology enthusiasts
 - Routinely collaborate 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 developer Westwood over next 9 quarters
 - \$1.5 MM from Andrew Mellon Foundation
 - \$1.25 MM (\$50k each from 25 CSG universities)
- Board expansion to include senior individuals with higher ed and open source background
- 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

