

CSG Chandler Update

May 2004



News

- OSAF adds 2 new working groups
- 5 new engineers since Jan 2004
- Significant presence at PyCon including Keynote and programming marathon
- 0.3 released end Feb 2004
- 0.4 scheduled for Oct 2004 release
- For discussion: Product strategies to accelerate efforts that will leverage open standards earlier (e.g. PKI, WebDAV)



0.3: Architecture Release

- Base architecture framework in place:
 - Chandler Presentation and Interaction Architecture
 - Repository enhancements including transactions and multi-threading support
 - Content Model
 - Parcel loading
 - Agent (scheduling) and Notification Framework
 - Unit Tests Framework and real tests(!)
- Our initial “Caterpillar” UI
- Design docs for 0.4
- Shipped Feb 26 2004



0.4: Our Big Bang Release

- Goal is to be experimentally usable for a few key end-user tasks:
 - **Enter and edit** items and collections
 - **Organize and label** items and collections
 - **Share and communicate** items and collections
- UI Landscape: Sidebar, Tabs, Summary & Detail views
- Initial functionality for Email, Calendar, Tasks & Contacts
- Base security framework
- Elementary sharing: e.g. share Calendar and Contacts
- More on wiki page [Chandler.ZeroPointFourPlanning](#)
- Anticipated release date: Oct 2004



Leveraging Open Standards

- Originally, we conceived of Chandler-to-Chandler communication through mainly proprietary protocols for Canoga
- Then, in Westwood we planned to migrate to open standards
- **Current thinking:** let's experiment with proven open standards to see how to serve Chandler-to-Chandler communication needs NOW



Accelerating integration of Open Standards

- PKI and TLS for secure authentication and transport
- WebDAV as basis for Repository Access Protocol
 - item-centric
 - peer-to-peer
- WebDAV-based calendaring protocol (CalDAV)



What does this mean for Westwood?

- With successful experiments, we can minimally accelerate the following Westwood requirements:
 - Public Key **Certificate-based security**
 - Standards-based **calendaring client** including iTip/iMip support
 - **Import/Export** between external PIM apps
 - **PDA synchronization**
- For discussion: what is the minimum Chandler product that we can deploy in handful of small workgroups on campus?



Open Standards

- WebDAV as Chandler's RAP
 - For reading, writing, addressing repository items
- WebDAV + iCalendar = CalDAV
 - Internet-Draft (work in progress)
- Continue research into:
 - notifications, PKI and peer location problems
- Re-evaluate strategy by fall
- Engage with standards communities
 - IETF: WebDAV WG, Calendar WG
 - Goal is: standard in practice as well as theory





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