



Plone Symposium 2008
June 4th – New Orleans
Alan Runyan & Alexander Limi

- Welcome!
- How many of you have been here before
- How many have never been to a Plone event?
- This is a smaller, more intimate event than our usual ones, a great chance to make sure you get to talk to everyone!



Stats

- Plone downloaded over 1 million times
- 49 (!) new contributors last year
- 60 people checked in code to Plone over last 12 months (257 total)
- Increasing year-over-year activity
- Plone is among the largest open source teams in the world (top 2%!)



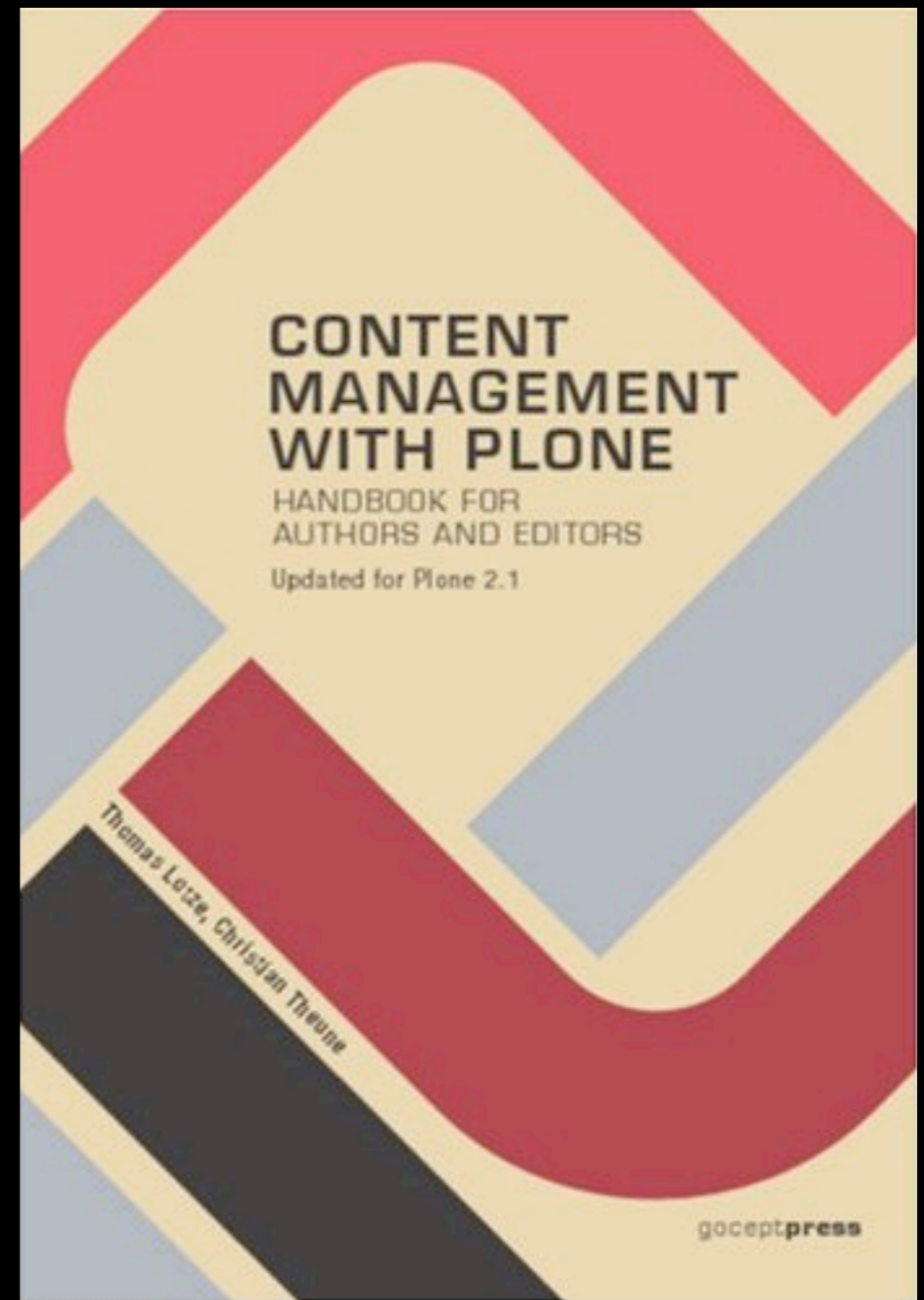
From Technologies to Solutions

Professional Plone Development

Building robust, content-centric web applications with Plone 3,
an open source Content Management System

Martin Aspeli

[PACKT]
PUBLISHING



- Plone is still the only open source product with an end-user manual in printed form
- Now updated for 3.1 - <http://www.plonebook.info>
- Free under CC license!
- Also available as hardcopy through Amazon
- Lots of work going into documentation reorg on plone.org

http://plone.org/

Plone™

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What is Plone?

Plone helps you manage your content.

[Watch a Demo Movie](#)

[What is a CMS?](#)

[Sites Using Plone](#)

Get Plone

Latest release: Plone 3.0.1 (Sep 2007)

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[What's New in 3.0?](#)

[Roadmap](#)

[Add-on Products](#)

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Plone Conference 2007
Naples, Italy: October 8-12


- [Registration is open!](#)
- [Pre-conference training classes](#)
- [General information](#)

Easy to Get Started | User Friendly | Powerful | Standards Compliant | Supported | Mature

 **Batteries Included**
Supports Linux, Windows, Mac OS X, FreeBSD, Solaris. The installers get you up and running within minutes. No complex set-up procedures.

 **Speaks Your Language**
Available in over 35 languages, Plone was designed from the ground up for multilingual content management. It handles Chinese, Japanese, and even right-to-left languages such as Arabic and Hebrew with ease.

 **Nicest Kid on the Block**
The Plone Team includes leading usability experts who have made Plone easy and productive to work with.

 **Everybody Loves Plone**
"An eWeek Labs Analyst's Choice award winner, this open-source product is one of the best solutions — period — for company portals and intranets"

- Foundation funded hardware in place
- Upgrade to 3.1 underway
- The reason it takes a while is because we're converting the Products area to use BLOB storage, have egg support, etc — the basic 2.5->3.x upgrade worked pretty much immediately.

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Welcome to

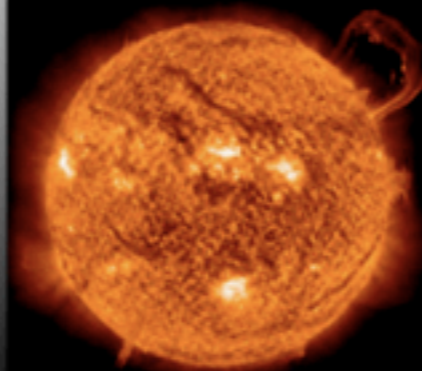
NASA SCIENCE

 ...for the benefit of all.[For Researchers](#)[For Educators](#)[For Kids](#)[Citizen Scientists](#)**SCIENCE NEWS**

- Swimming in the Gene Pool
- 2008 Hurricane Seasons Begin
- How do you Model the Earth's Magnetic Field?
- Phoenix Scoops up Martian Soil

Earth

- Climate
- Carbon & Ecosystems
- Surface & Interior
- Atmosphere
- Weather
- Water & Energy Cycles

Heliophysics

- Sun
- Heliosphere
- Magnetospheres
- Space Environment

Planets

- Inner Solar System
- Outer Solar System
- Small Bodies of the Solar System

Astrophysics

- The Big Bang
- Dark Energy, Dark Matter
- Stars
- Galaxies
- Black Holes
- Exoplanet Exploration

NASA Science: **Image of the Day**

June 03, 2008
Images of the Moon
taken with modern
digital cameras

NASA Science: **Spotlight Mission**

GLAST
GLAST, NASA's new
gamma-ray
observatory, will open

NASA Science: **Kids**

NASA launched a iPhone-based web site recently, wanted to mention it since it's a great site — both the content and design is high quality.

Foundation



- Relaunching plone.net with a sponsorship plan (in Jon's back pocket, launches any day now ;)
- Dealt with a couple of trademark and IP cases
- Raised money via tax-deductible contributions
- Fiscal agent for Plone Conference 2008
- Conference presences (LinuxWorld)
- Organized the Strategic Planning Summit at the Googleplex!

Evangelism



- LinuxWorld presence
- Arrange more Plone events! World Plone Day in November 2008, arrange one in your city!
- Evangelism is: leading by action! Just do it! (list)
- Step outside your comfort zone, spread the word — present at a conference, write an overview-style article for a magazine (ex: Jon Stahl on NGOs + OSS article), present at other user groups

Plone Conference



- Oct 8-10, 2008
- Washington, DC
- Call for talk proposals is out!
- Be there!

Community



- Maturing, the community are really becoming professionals
- Consolidation of projects
- Started removing things instead of just adding
- Entire stack is now much more well-understood
- We have the right technology, we have the right people
- Clearer paths have emerged for integration approaches
- PloneGov and the new PloneEdu effort

- **Summer of Code (just started!)**
- **Highly Open Participation**
- **Theme effort**
 - **Improve availability of high-quality Plone themes**
 - **Veda Williams + team**
 - **15+ awesome themes so far**
- **GloWorm (WebLion)**

Other efforts worth mentioning

Planning Summit



- Focus on approachability for integrators that are new to Plone
- Focus areas tracked in our bug tracker
- Follow-up session with more focus on sprinting / writing code after the Symposium (Friday)

Roadmap



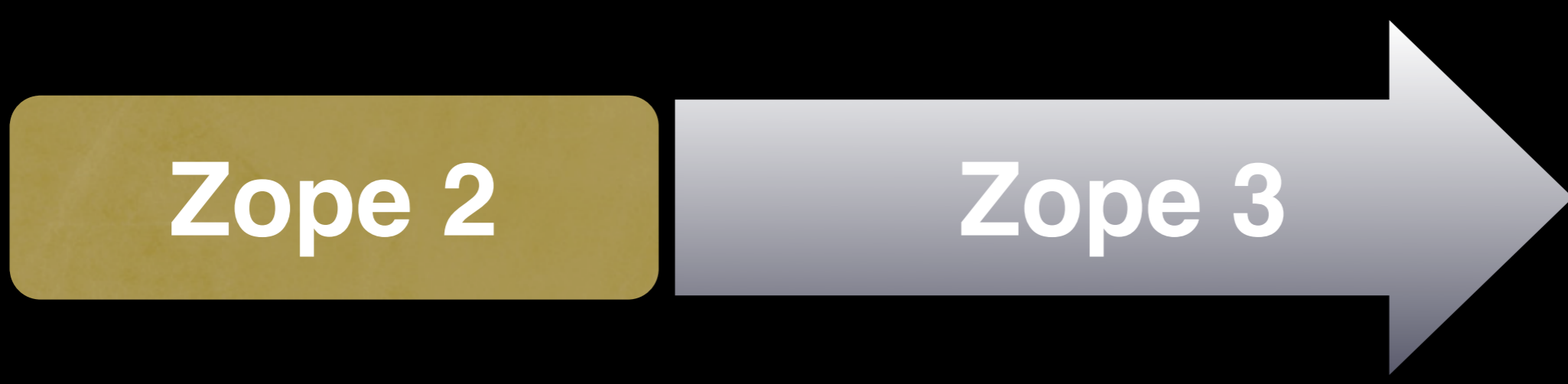
Let's talk about the upcoming direction for Plone in 3.x and beyond

Research



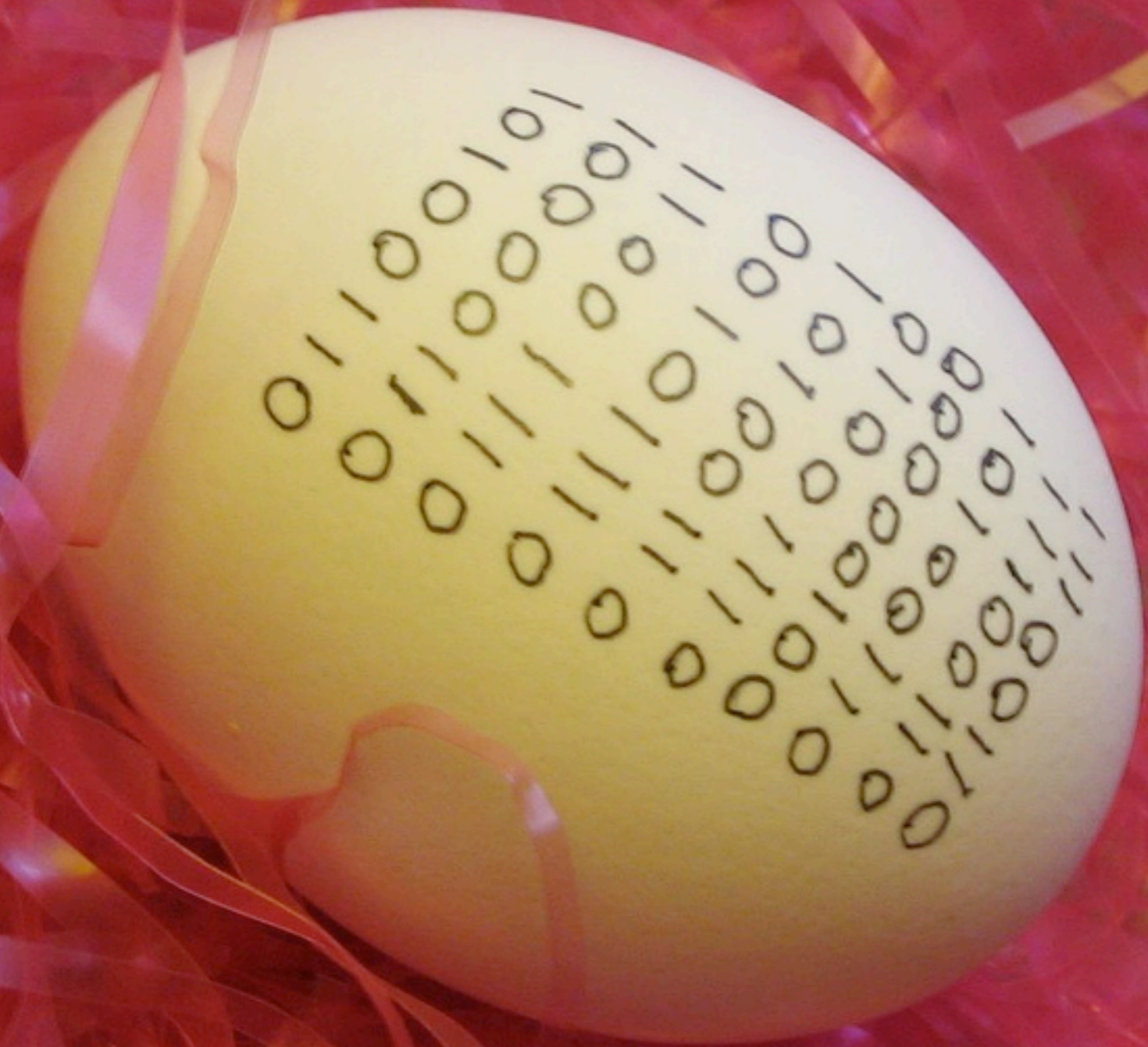
Lots of research and development work:

- Overall theme: performance and improved developer productivity
- RDB/SQL integration
- ZODB BLOB support
- Faster startup! (7s vs. 20s on trunk)
- Replication/storage alternatives: zeoraid + RelStorage
- Indexing (genetic soup, 3+ projects converged and became collective.indexing)
- Form building
- Theming mechanisms (Deliverance, XSLT, Spitfire)
- Performance testing and identifying bottlenecks
- Lots of exciting stuff over the last year got to critical mass
- Will see these things land in Plone (and outside) in near future



- Reusing much more of Python-level stuff instead of reinventing it in Zope — because of Zope 3. The hypothesis has come true!
- WSGI — allows us to play nicer with other Python frameworks (Django, TurboGears) (mod_wsgi integration sponsored by Google)

Eggs & Buildout

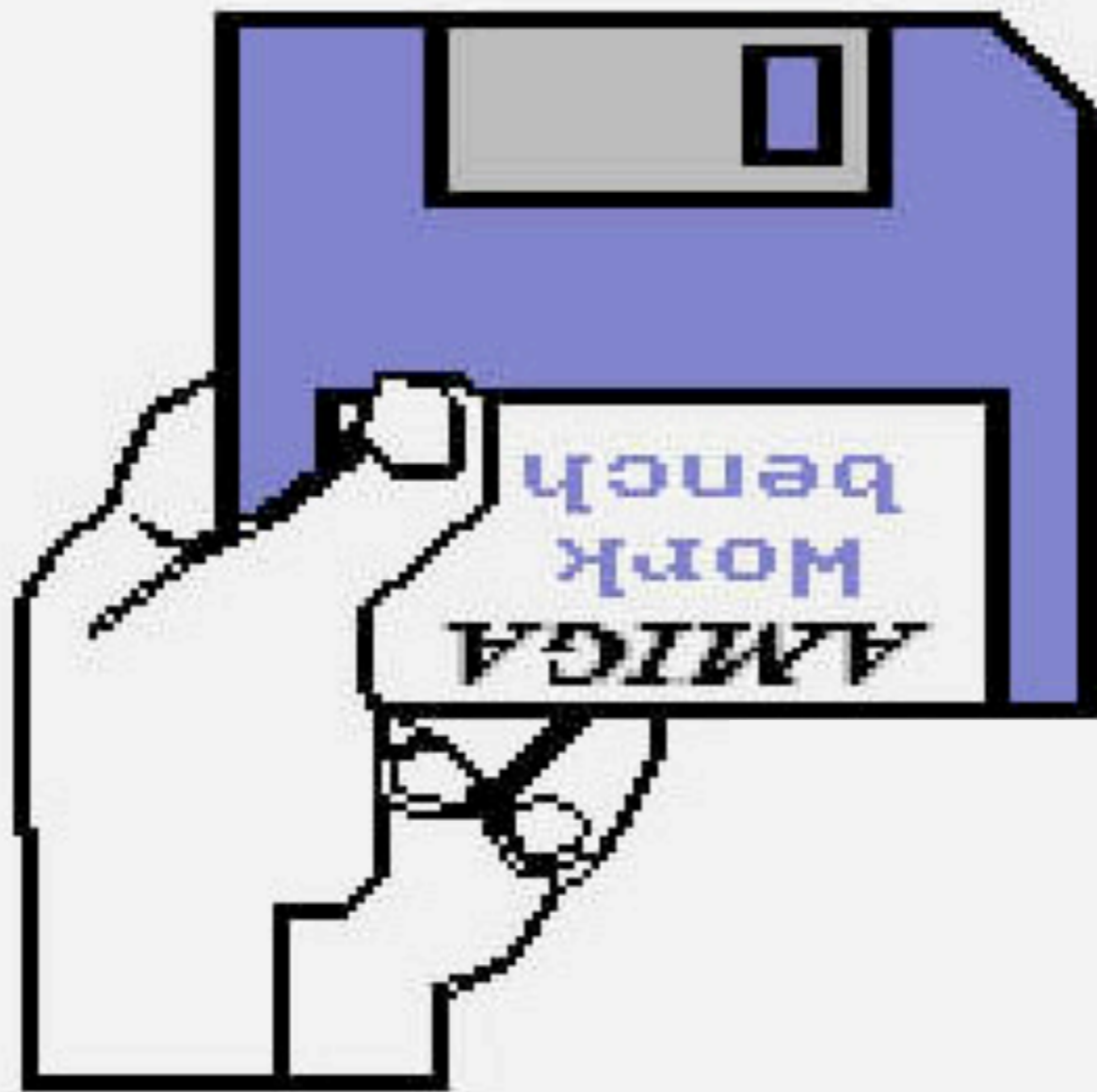


- Why are we so excited about these technologies?
- Standard (Python) way of doing it
- Makes it easier to manage setups and configurations
- Downloading eggs online, compatibility/dependency handling
- Pulls in dependencies automatically
- Sets us up for much better add-on product handling
- Future: "You can safely upgrade" indicator



3.x

- Plone 3.x is current stable branch
- Releases are small, focused, 100% compatible with 3.0
- Add no new major features
- In 3.1: Improved Kupu, KSS, Portlets
- Every 6–9 months: New minor release
- Every month: Maintenance release
- In parallel, we're working on Plone trunk (what will become Plone 4)



Plone Reboot

- aka. what will likely become 4.0
- We will do some research and experiments both on UI and performance
- Revisit decisions that were made in the beginning of the project (1.0, 2.0) that stuck around
- Break some backwards compatibility
- Once we reach decision on what to include, announce release target for 4.0

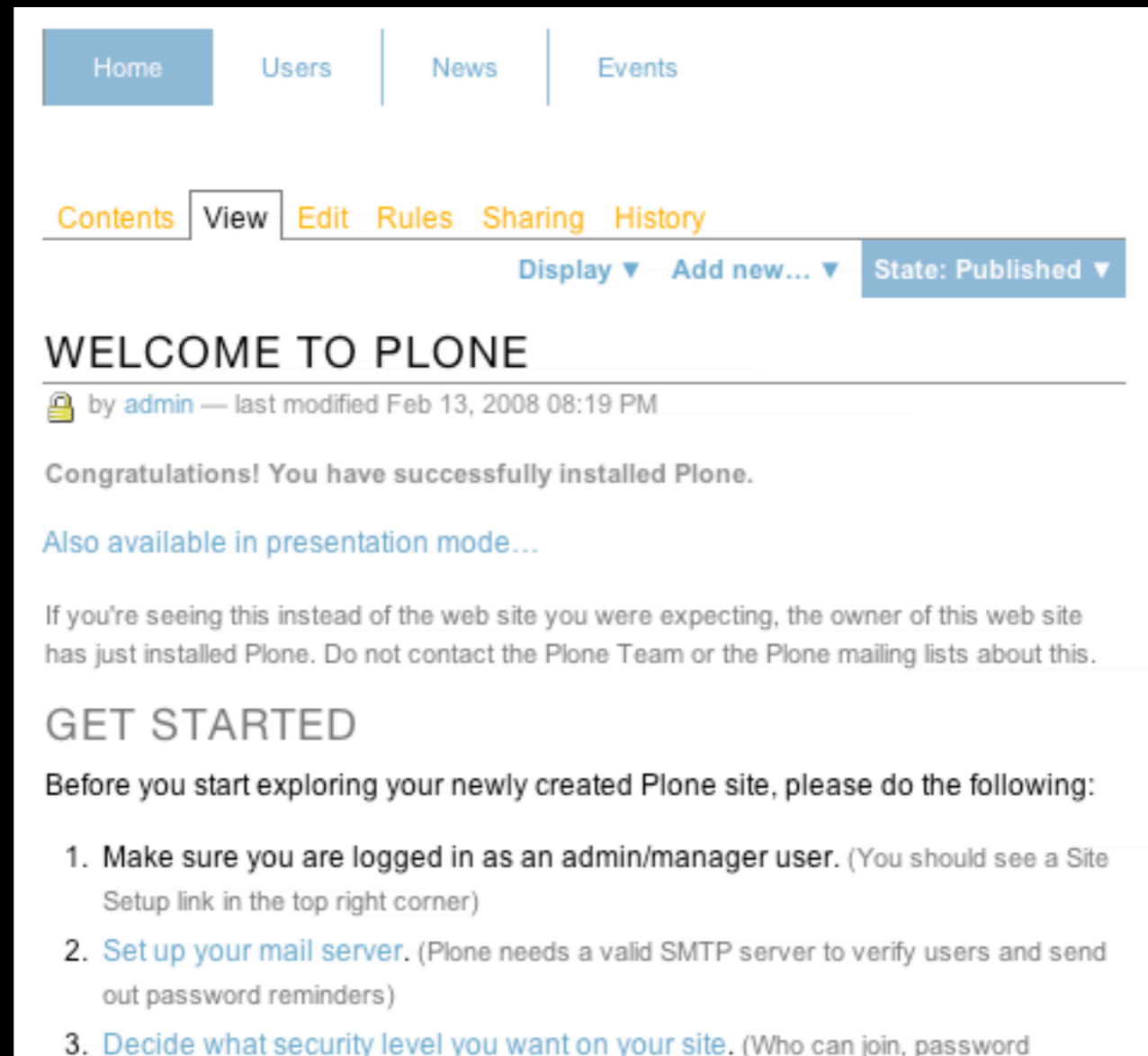
“Reboot” Goals

Simplify User Experience

Make it go faster!

The overall themes of the Reboot are easy to understand.

Demo: Simplified UI



The screenshot displays a web interface with a top navigation bar containing links for Home, Users, News, and Events. Below this is a secondary navigation bar with links for Contents, View, Edit, Rules, Sharing, and History. A 'Display' dropdown menu is set to 'Add new...' and a 'State' dropdown menu is set to 'Published'. The main content area features a heading 'WELCOME TO PLONE' followed by a lock icon, the text 'by admin — last modified Feb 13, 2008 08:19 PM', and a congratulatory message: 'Congratulations! You have successfully installed Plone.' A link for 'Also available in presentation mode...' is provided. A paragraph explains that if the user is seeing this instead of the expected website, the owner has just installed Plone and advises not to contact the Plone Team or mailing lists. Below this is a 'GET STARTED' section with a list of three instructions: 1. Make sure you are logged in as an admin/manager user. (You should see a Site Setup link in the top right corner) 2. Set up your mail server. (Plone needs a valid SMTP server to verify users and send out password reminders) 3. Decide what security level you want on your site. (Who can join, password



Q&A:

- 15 minutes

- What's your main concern about Plone right now (performance? usability? developer/integrator friendliness? documentation?)



- Google for sponsoring Alex
 - Enfold for sponsoring Alan
 - cdm from Flickr for most of the images
- (all images licensed under Creative Commons, see the respective Flickr profiles for details)