



**Plone Symposium 2008**  
**June 4<sup>th</sup> – 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%!)



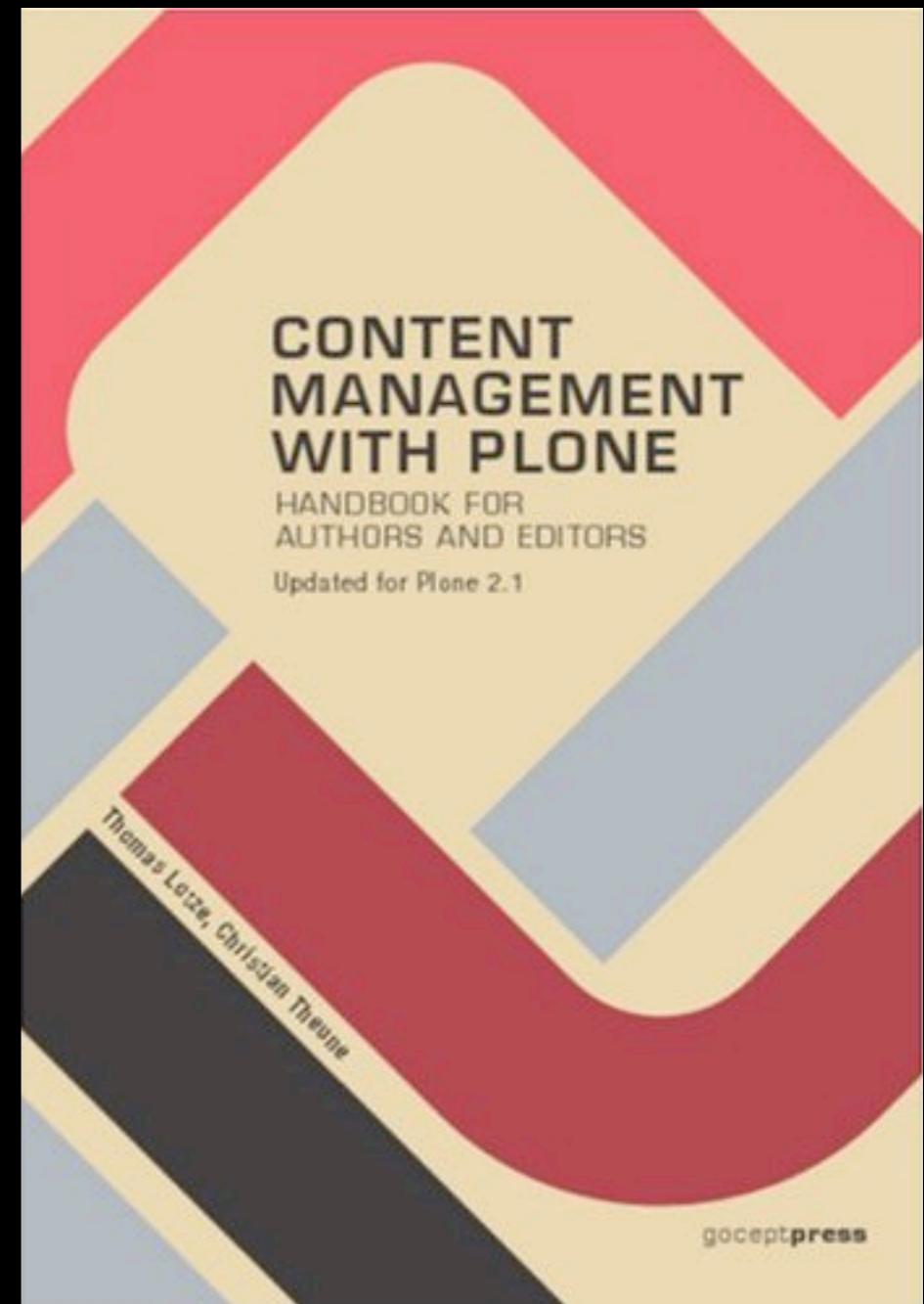
From Technologies to Solutions

# 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)



## 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)

[Download Plone](#)

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

[Roadmap](#)

[Add-on Products](#)

## Learn Plone

[Documentation](#)

[Buy Books](#)

[Forums & Chat Rooms](#)

[Find Plone Training](#)

[Commercial Support](#)

## Get Involved

[Report Bugs](#)

[Write Code](#)

[Translate, Document, Test](#)

[Support the Plone Foundation](#)

[Plone Blogs](#)



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.



Home    Big Questions    Earth    Heliophysics    Planets    Astrophysics    Missions    About Us    Science News

# Welcome to NASA SCIENCE ...for the benefit of all.

For Researchers

For Educators

For Kids

Citizen Scientists

## SCIENCE NEWS

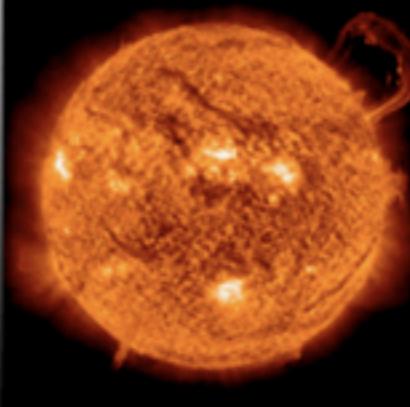
- Swimming In the Gene Pool
- 2008 Hurricane Seasons Begin
- How do you Model the Earth's Magnetic Field?
- Phoenix Scoops up Martian Soil

### 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



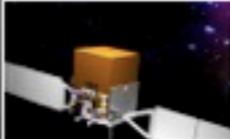
- The Big Bang
- Dark Energy, Dark Matter
- Stars
- Galaxies
- Black Holes
- Exoplanet Exploration

#### 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 Plone-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

The diagram consists of three large, right-pointing arrows. The top arrow is blue and contains the word 'Plone'. The middle arrow is grey and contains the words 'Zope 2' on its left segment and 'Zope 3' on its right segment. The bottom arrow is green and contains the word 'Python'. All arrows point to the right, indicating a progression or flow from left to right.

Plone

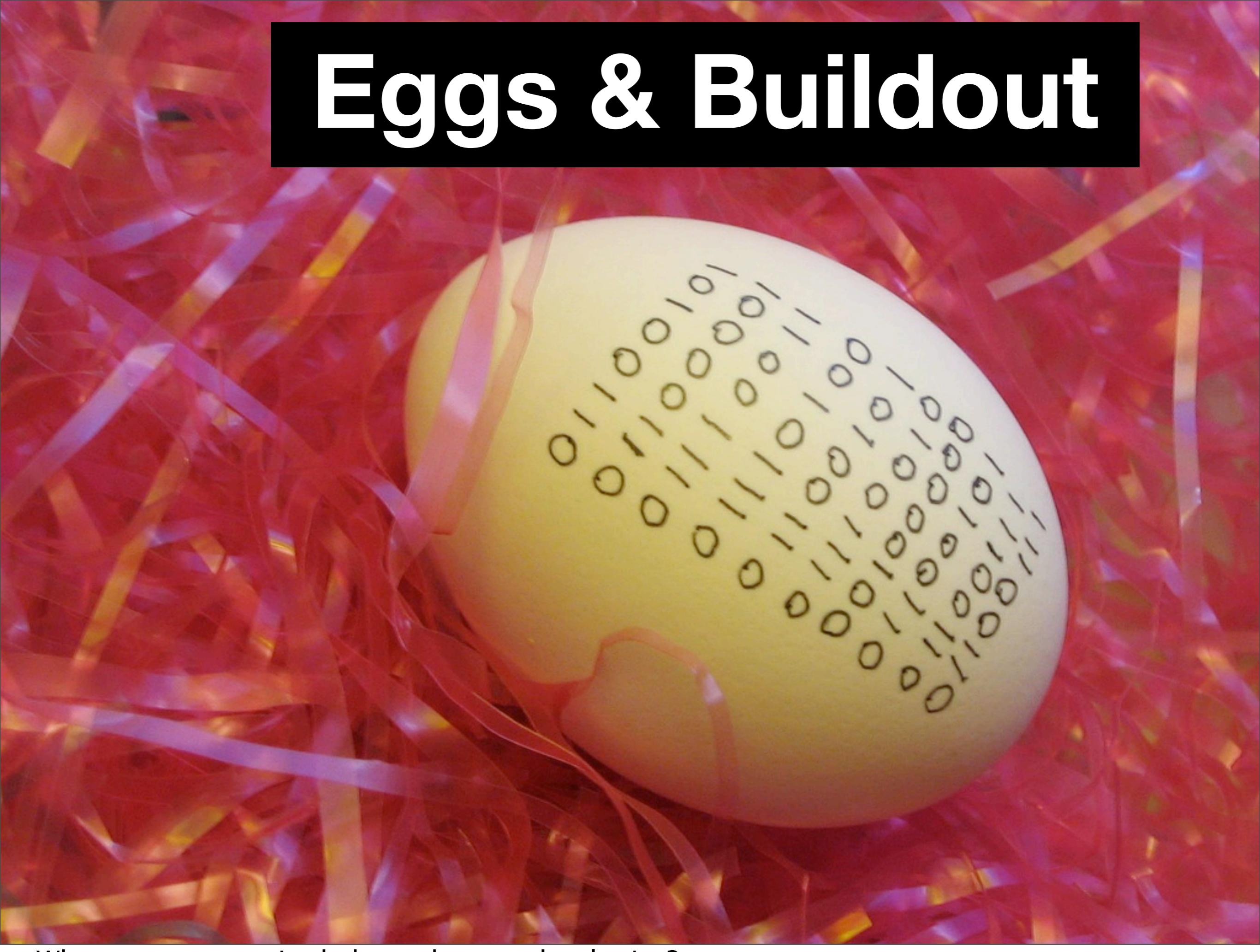
Zope 2

Zope 3

Python

- 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

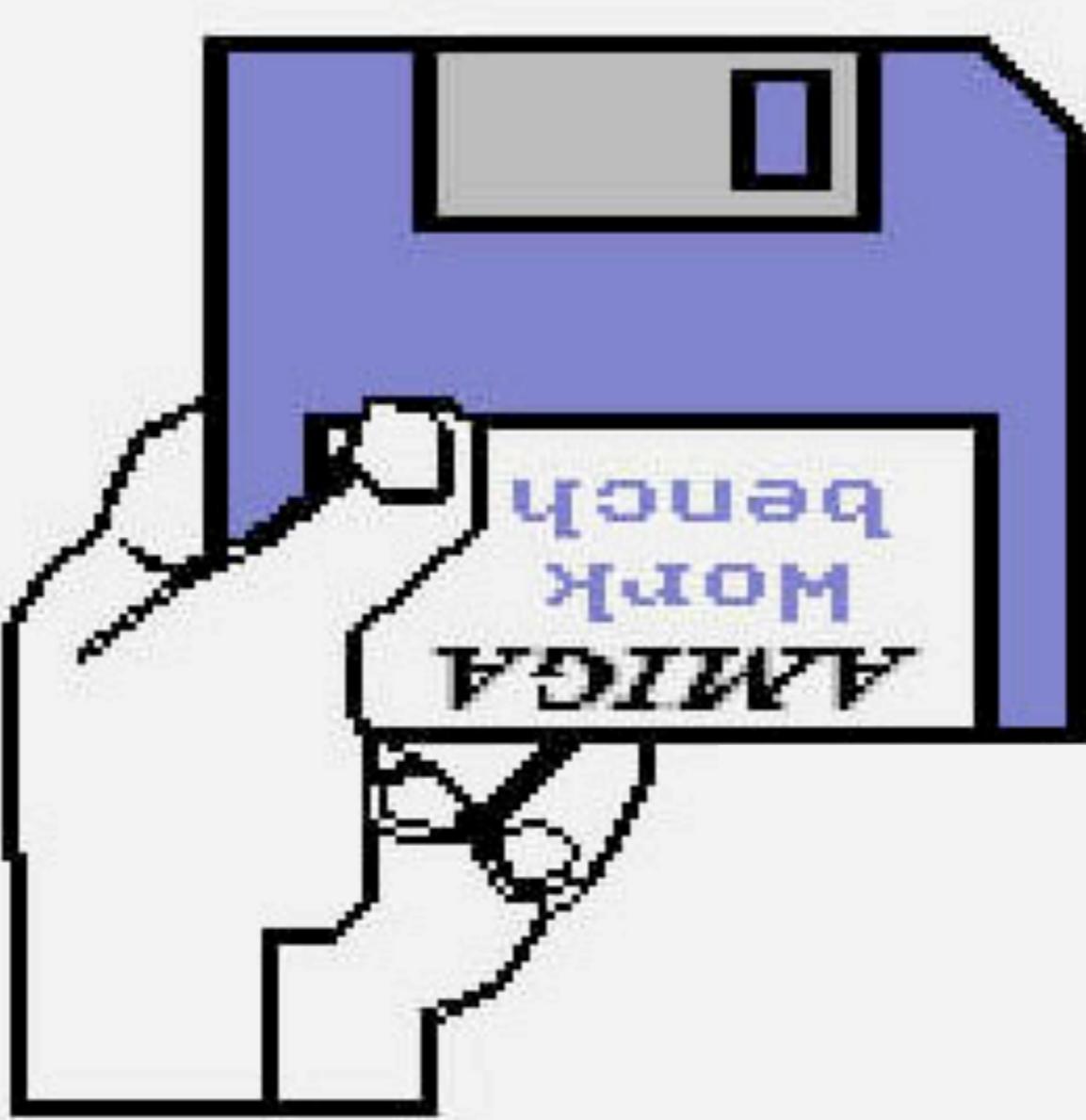


- Why are we so excited about these technologies?
- Standard (Python) way of doing it
- Makes it easier to manage setups and configurations
- Downloading eggs online, compatibility/dependency handling
- Pulls in dependencies automatically
- Sets us up for much better add-on product handling
- Future: "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 shows a Plone website's homepage. At the top, there is a navigation bar with four items: 'Home' (highlighted in blue), 'Users', 'News', and 'Events'. Below the navigation bar is a horizontal menu with several options: 'Contents' (highlighted in orange), 'View', 'Edit', 'Rules', 'Sharing', 'History', 'Display ▾' (highlighted in blue), 'Add new... ▾' (highlighted in blue), and 'State: Published ▾' (highlighted in blue). The main content area has a heading 'WELCOME TO PLONE' and a note indicating it was last modified by 'admin' on Feb 13, 2008 at 08:19 PM. It also includes a message congratulating the user on successfully installing Plone, a link to presentation mode, and a note about the site being a newly created Plone site. A 'GET STARTED' section provides instructions for new users, listing three steps: 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)