

PLONE 2.5

“MS BUMBLEBEE”

WHAT'S SHE GOT?

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INFRASTRUCTURAL RELEASE

- Very little new in the way of user interface changes
- **Main focus: Zope 3 technologies via Five**
- **Zope 2.8 or 2.9 (meaning Python 2.4)**

THEMES

- **Speed** -- more logic is getting pushed down the stack and into Python code
- **Reusability & pluggability** -- Zope 3 is a “Component Architecture”. Views, adapters & interfaces in Z3 mean more code is overridable and replaceable. Example: PlonePAS; all aspects of member management can be replaced seamlessly and unobtrusively
- **i18n** -- Plone is international, and the ability to localize and i18nize is becoming more thorough and central

WEIGHTIER CHANGES

- CMF1.6/**GenericSetup**
- **PlonePAS** Integration
- **Placeful workflow** support for Plone
- Using **Five/Zope 3 Views**, esp in nav

GENERICSETUP

- **Totally awesome**
- Marks shift from **in-place migration** to “**dump and reload**”
- Site settings now **declarative, not procedural**
- Replaces, among other things, Customization Policies

PLONEPAS INTEGRATION

- PAS ("Pluggable Authentication System") is a Zope-level Product (not Plone-specific, like GRUF).
- An extension of PAS for Plone that will eventually replace GRUF.
- Provides more extensibility and takes advantage of work done by a broader community.

PLONEPAS (CONT)

- Allows easy development of alternative member authentication and/or storage schemes
- Some examples:
 - SQL PAS Plugin (authentication & user property storage)
 - GMail (auth)
 - IP Range (auth)

PLACEFUL WORKFLOW SUPPORT FOR PLONE

- *Our goal is to be able to say that in a given folder, a different workflow (or workflow chain) should be used for certain content types.*

FIVE/ZOPE 3 VIEWS

- “Views” now used in Plone 2.5 to **drive the logic** behind:
 - portlets (ie events)
 - navigation
 - breadcrumbs

WHY USE VIEWS?

- Improves **clarity**
 - remove gnarly Python expressions in ZPT
 - Templates are managed/bound to the “view logic” currently found in scripts
- Improves **maintainability**
 - Views can be unit tested!
- Improves **performance**
 - Presentation logic can be trusted code

(The above is directly from Tres Seaver's CMF 2.0 talk)

LEARN MORE ABOUT ZOPE 3 TECHNOLOGIES

- Video: Zope 3 Intro by Martin Aspelli at the Archipelago sprint: <http://dev.comlounge.net/Members/cs/blog/blogentry.2006-04-27.1884429565>
- Five Tutorial for Plone Developers (Philip von Weitershausen): <http://worldcookery.com/files/ploneconf05-five/>
- On Zope utilities: <http://dev.comlounge.net/Members/cs/blog/blogentry.2006-05-04.7374030513>
- Walking through Five to Zope 3 (background on interfaces and adapters): <http://plone.org/documentation/tutorial/five-zope3-walkthrough>

OTHER FEATURES

- #108: Use Zope3 MessageID's through **FiveTranslationService**
- #114: New **version numbering policy** for Plone the product
- #115: Formalized User Interface **deprecation process**
- #111: New **portal_status_message** infrastructure

NEW VERSION NUMBERING POLICY FOR PLONE THE PRODUCT

- Releases to come **every 6 months**
- **x.5 for infrastructural releases**
- **x.0 for UI releases** (“the media” them consider more noteworthy)

USE ZOPE3 MESSAGEID'S THROUGH FIVETRANSLATIONSERVICE

- Making it easier in Python code
- Push more stuff into Python instead of in PTs
- *Not* a complete transition away from Placeless Translation Service

FORMALIZED USER INTERFACE DEPRECATION PROCESS

- Mostly a **skin folder for deprecated elements**.
- Future-proof products by turning off that layer and seeing what breaks.

NEW PORTAL STATUS MESSAGE INFRASTRUCTURE

- Small new product ("statusmessages") handles status messages
 - Allows **in** of messages
 - Allows **multiple status messages in one page**, instead of "last one wins"
 - Uses Zope 3 adapters
 - Stores msgs in cookies

CACHEFU INCLUDED

- Geoff Davis's product to make Squid conf easier
- Turned off by default
- Documentation is improving greatly (and slightly buried in the product; look for **audience.rest**)

CURRENT STATUS

- This was **Plone 2.5 beta 1** (We've seen two alphas already.)
- Roadmap (as of 12/24/2005):
 - April 3: Public release of beta2.
 - April 24: First Plone 2.5 Release Candidate. (and if all goes well with the RC ...)
 - May 8: Official release of Plone 2.5 Final