

The Zope Zoo

Past - Present - Future

Python Users Berlin
RZUG Berlin

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Speaker

- Python developer since 1992
- Zope core developer since 2001
- Zope 2 release-manager
- Contributor to Zope & Plone
- Co-funder and 2nd chairman of German Zope User Group (DZUG e.V.)
- Author of various Zope and Plone products
- www.zopyx.de

The Past - History of Zope

- Bobo, Principia
- Zope 2 released in 1999 as open-source by Zope Corporation (formerly Digital Creations)
- For a long-time **the** solution for building web-apps on top of Python
- Playing in the champions league for a long time competing with J2EE, Coldfusion etc.



Why Zope was/is sexy!

- Python
- Zope is about **object-publishing**
- integrated fine-grained security model
- build-in and pluggable user management
- i18n
- Unicode-aware
- Template languages (ZPT/DTML)
- pluggable - reusable
- integrated search engine
- **ZODB**
- much more.....

Other Python frameworks

...are catching up feature-wise

Mistakes made in the past

- lots of implicit magic
- monolithic in some way
- mostly focused on developers
- Poor documentation story
- zope.org...let's skip this topic
- steep learning curve

Zope 3

- started in 2001 with the goals:
 - breaking the Zope core into little pieces (components)
 - using interfaces and adapters for extending functionality
 - glueing components together through configuration (ZCML)
- **ZOPE COMPONENT ARCHITECTURE**

Zope 3 (ZCA)

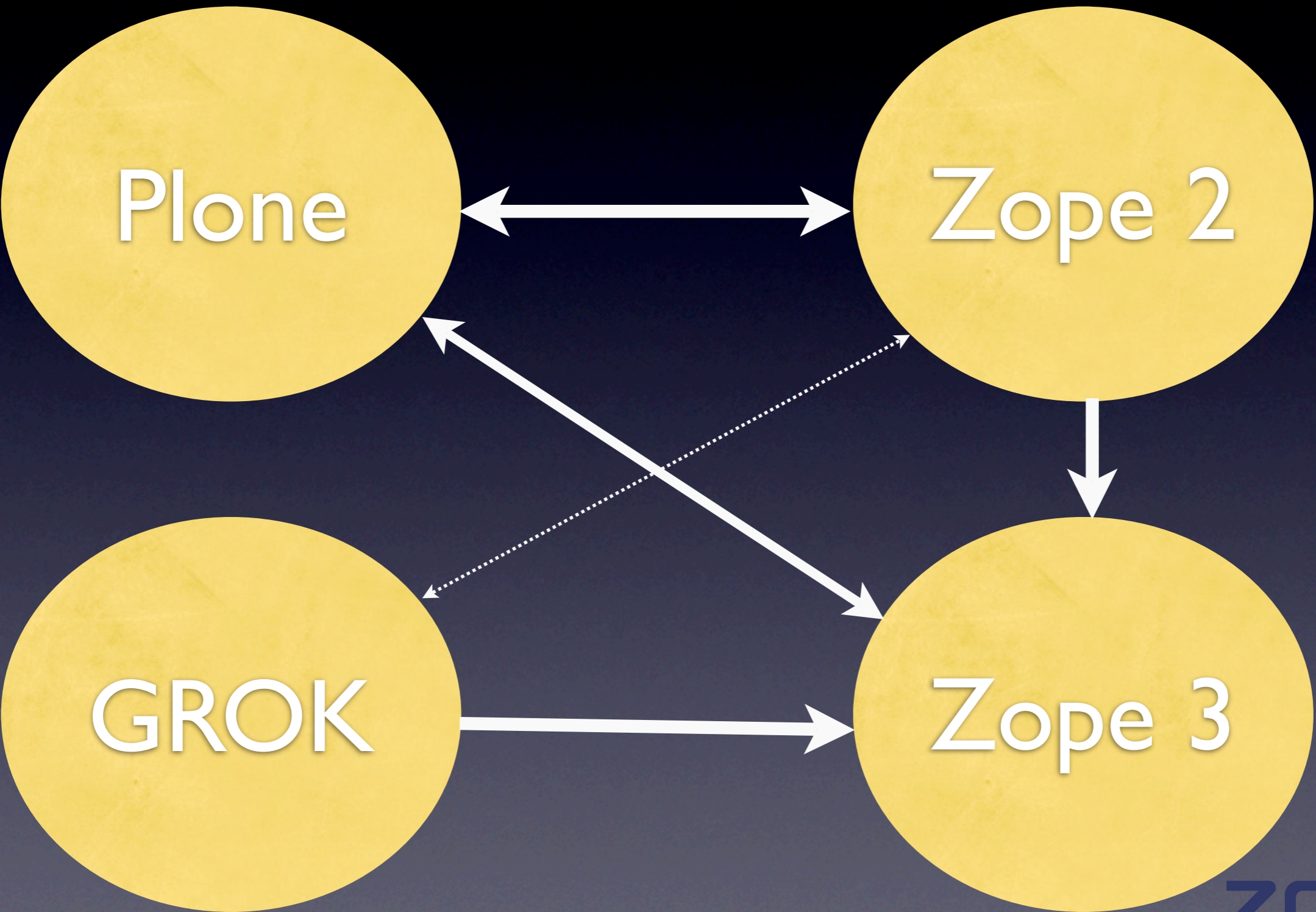
- Zope 3 aka Zope Component Architecture
- No more dead-ends
- No more magic
- Much better documentation
- Pluggable architecture
- „Explicit is better than implicit“ (GvR)

Zope 3 - the solution?

DEATH BY ABSTRACTION

(Lennart Regrebo)

The Zope community split-up



2004

Ruby on Rails
surfaced

RoR changed a lot

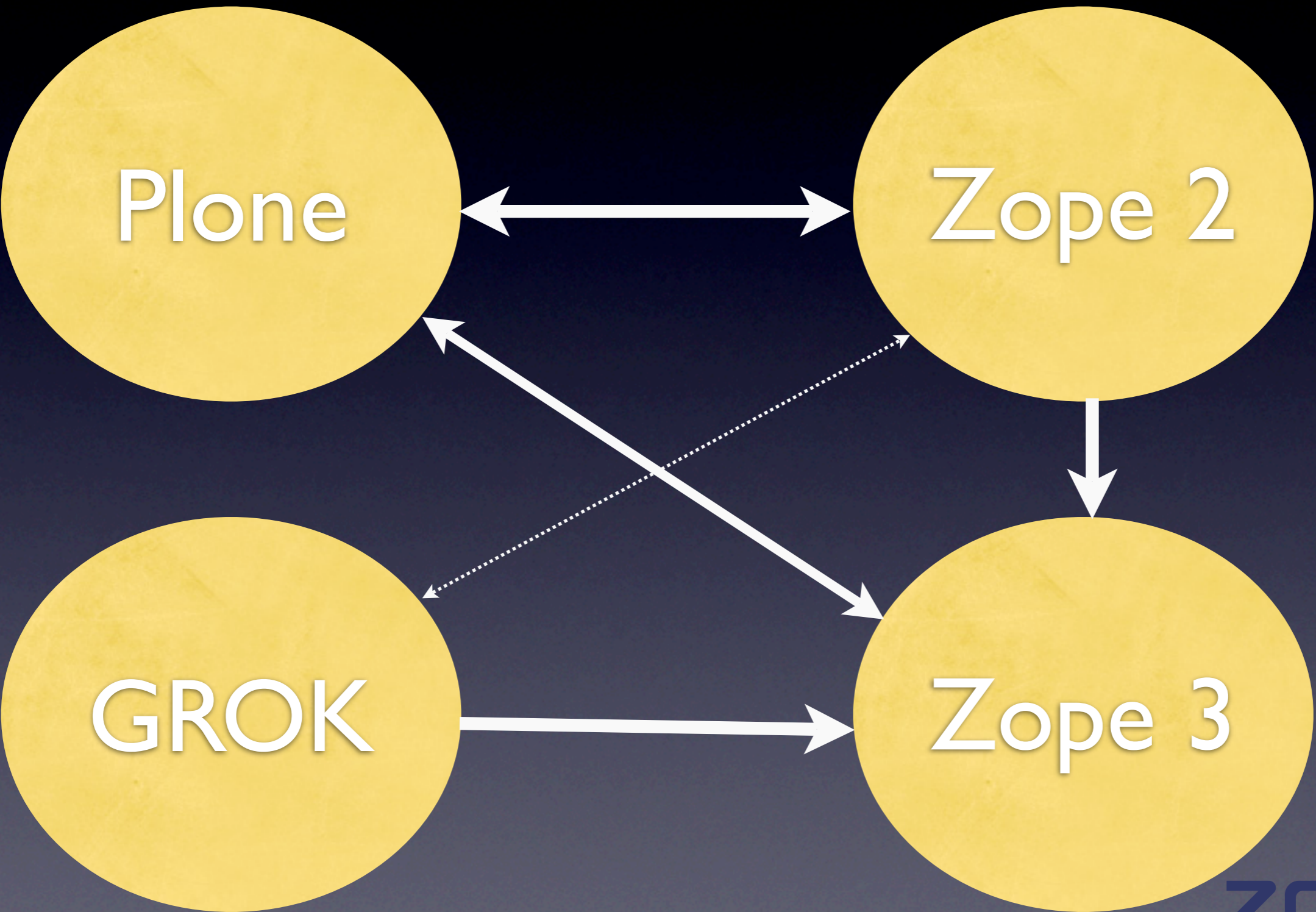
- 2004: first release of Ruby on Rails
 - RoR patterns were adopted by the Python world
 - „More Python web frameworks than Python keywords“ (Django, Turbogears, Pylons, ...)
- Implications for „the old bull“ Zope:
 - competing with other Python web frameworks
 - Ouuch.....

GROK



- The low-barrier entry point to Zope 3
- Automatic configuration through conventions
- Allows you to focus on your app, not on the framework
- flat learning curve
- just released: **GROK V 1.0**

The Zope community split-up



Zope 2.12

- „The“ Zope application server
- launched zope2.zope.org this month
- supports Python 2.5/2.6
- completely eggified

Zope ToolKit (ZTK)

- no further Zope 3 releases
- each zope. module as its own lifecycle
- ZTK is a minimal subset of Zope 3 packages that are maintained and well tested together
- ZTK = minimal Zope 3

Repoze

- Integration of Zope 2 with the WSGI pipeline

repoze.bfg

- BFG is a „pay only for what you eat“ Python web framework
- minimalistic
- persistence-agnostic
- very good documentation
- very well tested
- very fast
- uses Zope 3 modules internally
- paste + mod_wsgi compatible

zc.buildout

- configuration-driven buildouts
- developed for Zope
- used also by other Python projects (e.g. Django, Plone)
- www.buildout.org



Plone

Plone

- Plone = Enterprise-level CMS
- current Plone 3.3
- later this year: Plone 4
- mixture of Zope 2 + Zope 3-style



Questions?

