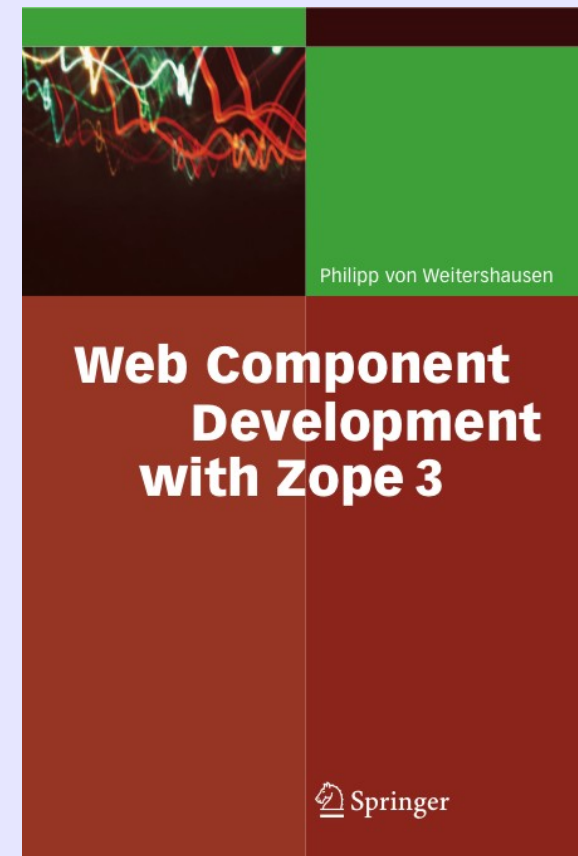


Zope

The June releases

Hi, I am...

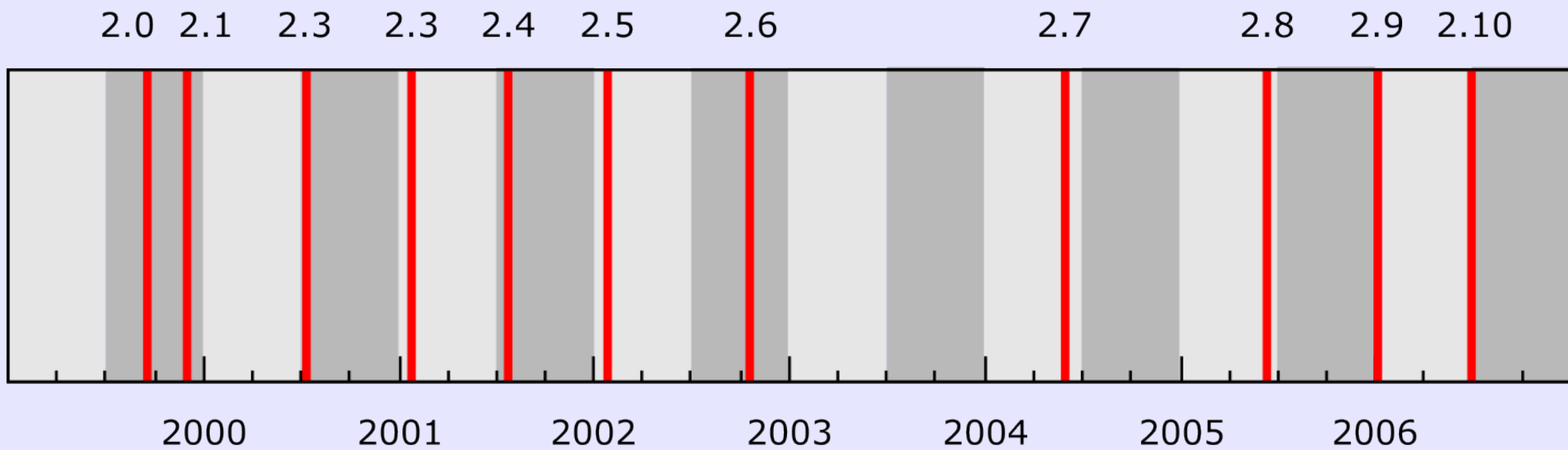
- Philipp von Weitershausen*
*pronouncable as "fun Viters-houzen"
- Physics student in Dresden, Germany
- Zope consultant, committer, book author
- philipp@weitershausen.de
- philiKON on IRC



1. Reflection on time-based releases
2. New features in Zope 2.10/3.3
3. Upcoming features
4. In other news

Time-based releases

Zope 2 releases



Significant features in past releases

2.2: Security policy and ownership

2.3: Python Scripts, SiteAccess (VHM)

2.4: WebDAV locking, Product refresh

2.5: ZPTs, Sessions, Security policy in C

2.6: Unix SIG handling, i18n in ZPTs

2.7: OrderedFolder, ZConfig, reStructuredText, Windows service support, ZODB mount points

2.8: ZopeTestCase, new-style ExtensionClasses, Five & Zope X3 3.0, ZODB savepoints, MVCC

Not counted: Support for newer Python versions

2.7 and 2.8 took too long

- 2.7 took 1.5 years, 2.8 took 1 year
- 2.8 release was further and further postponed
- Features added to 2.7 minor releases
- Five drove the 2.8 release process
- 2.7 to 2.8 migration was hard

Features drive releases.

But they won't **make** releases.

Time-based releases

- Time-based releases since Dec 2005: every six months a new major release
- Time-based releases guarantee that stable features in the trunk will see a release within the next 6 months
- New major releases don't necessarily retire old ones
- 2.9/3.2: almost on time
- 2.10/3.3: running a little late

The June releases

Big thanks to release managers

- Andreas Jung (Zope 2)
- Stephan Richter (Zope 3)
- Tim Peters (ZODB, Windows builds)
- Sidnei da Silva (Windows builds)
- Tres Seaver (eggs, killing zpkg)

IPublishTraverse-based traversal

- `__bobo_traverse__` semantics are insane
- Zope 3 uses traversal adapters, it's saner
- Five used to monkey-patch `__bobo_traverse__` methods to look up views (`five:traversable`)
- ZPublisher now uses IPublishTraverse adapters
- `five:traversable` not needed anymore!

By Lennart Regebro and Michael Kerrin

WSGI and Twisted support (experimental)

- Zope 3's zope.publisher is a WSGI Application
- Zope 3 uses WSGI to connect to twisted.web2, ZServer
- Goal: getting out of the server business, retire ZServer in the long term
- Zope 2.10: New WSGI wrapper for ZPublisher, twisted connectivity (experimental)

By Lennart Regebro and Michael Kerrin

Products-less packages

- Lots of places in Zope 2 assume code in Products.Foobar packages
- You can now put things in regular Python packages
- Instances come with lib/python, etc/site.zcml and etc/package-includes (like Zope 3 instances)

By Rocky Burt

ZPT engine from Zope 3 integrated

- Products.PageTemplates uses zope.pagetemplate, zope.tal, zope.tales.
- TAL/TALES just façades to Zope 3 equivalents
- Reduces maintenance effort
- Just one of several examples of "forked" technology (others are zLOG, StructuredText, DateTime)

By Andreas Jung and PvW

Five.testbrowser

- Simulates a web browser for testing
- Zope 2 façade for zope.testbrowser
- Awesome!
- zope.testrecorder for in-browser recording

By Brian Sutherland

zope.testbrowser by Benji York

zope.testrecorder by Brian Lloyd, Benji York

Five.viewlet

- Content providers provide content for HTML pages
- Viewlets are managed content providers, looked up by region (e.g. "give me all CSS content providers")
- Future skinning technology

By Alec Mitchell

zope.viewlet and zope.contentprovider by Roger Ineichen and Stephan Richter

Component Architecture refactoring

- Different adapter look-up mechanism, significant speedup (up to 50%)
- C optimizations (more speedup)
- Easier API for local component registration

By Jim Fulton

Restructuring

- Moved first batch of reusable packages out of zope.app.
- Long-term goal: Zope 2 should not ship with zope.app.
- Killed 8 superfluous ZCML directives.

By PvW

November releases

Zope 2.10, 3.3, ZODB 3.8 in November

Some possible features:

- Zope 2: Better testing infrastructure
- Five: Local components
- Zope 3: Smaller zope.app, eggs
- ZODB: Blobs by Chris McDonough, Christian Theune

In other news

Major frameworks use Zope 3 technology

- Plone 2.5
- CPS 3.4
- Silva 1.5

- views
- i18n
- object events

WSGI

- Probably still underestimated in Zope community
- middlewares!
 - XSLT post-processing
 - gzipping
 - etc
- zope.paste

svn.zope.org

- Lots of cool stuff
- Often released independently (eggs, cheeshop!)

<http://download.zope.org/distribution/>

- Take a look at
 - zope.*
 - zc.*
 - z3c.*
 - hurry.*

Zope Foundation

- Founded in March
- Initial board set up in June
- Looking for volunteers
- Join the foundation mailinglist

<http://mail.zope.org/mailman/listinfo/foundation>

Thank you

Questions?