

skeletor

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Hello

My name is

David Whitfield Morriss

>>> nick:whit

not whit537 aka Mr. Testosterone

Who am I

involved in plone since 2003

developer for the Open Planning Project

I have an extremely understanding and tolerant girlfriend

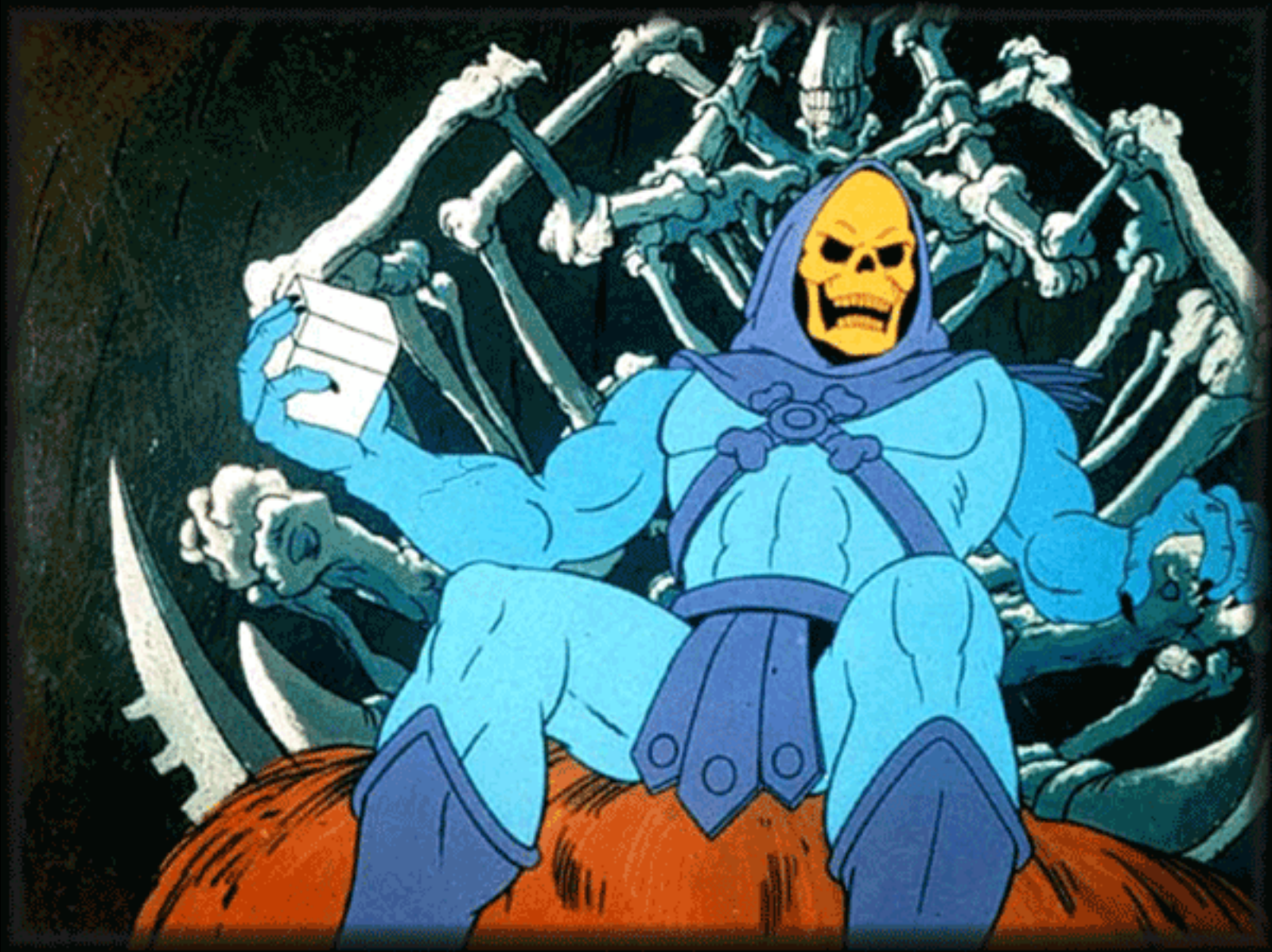
Personal Motivation

“I like to write code like other ppl
like to tune their cars or 10kW hifi
equipment...”

Christian Heimes, 2004

Part of our fearless leaders shame-driven motivational strategies.

In a land far away



who was skeletor

Just a simple multi-dimension megalomaniac from Snake Mountain trying to make ends meet



ZOPE
Community

Snake Mountain Gang

>>> Saurod

>>> Blade

>>> Evil Lyn

>>> BeastMan

>>> funny looking guy with the blue hair



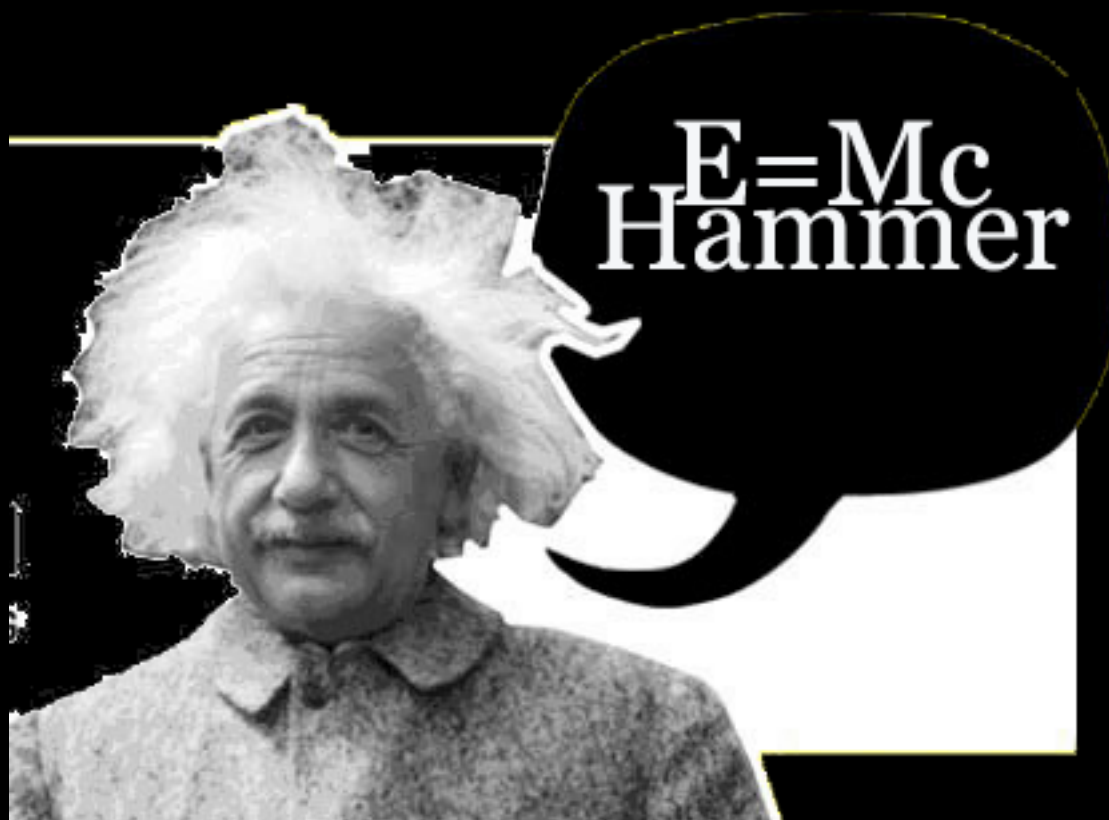
Typical Situation

Skeletor had big plans

the minions always fscked things up

Two Kinds of People

Gurus and People who have to get stuff done



$$D = \frac{1}{c} \frac{1}{l} \frac{dl}{dt} = \frac{1}{c} \frac{1}{P} \frac{dP}{dt}$$

$$D^2 = \frac{1}{P^2} \frac{P_0 - P}{P} \sim \frac{1}{P^2} \quad (1a)$$

$$D^2 = \frac{K_B}{3} \frac{P_0 - P}{P_0} \sim \frac{1}{3} K_B \quad (2a)$$

$$D^2 \sim 10^{-53}$$

$$e \sim 10^{-26}$$

$$P \sim 10^8 \text{ g} \cdot \text{y}$$

$$x \sim 10^{10} (10^{11}) \text{ y}$$





Everyone is both

$$n(\text{Gurus})^{100} < n(\text{People.GTD})$$

In an open source community,
roles are as modal and ever changing
as the software.

Transmitting Knowledge

Software may be free but...

Knowledge == Time == Money

Things are Changing Alot

Plone 2.0 2.1 2.5 AT ATCT CacheFu CMFFormController
CMFDynamicFTI enPloneOceanBoilerNGmxm CMF 1.5 1.6 2.0
Zope 2.7 2.8 2.9 fultonian appserver convergence python 2.3.5 2.4
2.5 interfaces zed views viewlets content providers marker interfaces
adapters formlib python products events menus vs. actions
decorators eggs paste wsgi django web.py turbogears ajax xp ruby
blah blah blah blah blah blah

And it's not going to slow down.

pant pant pant pant

At the mercy of strangers?

you just need to know

what you need to know

to get your job done

not maintain a personal

relationship with every single

master of the universe in the

zope-cmf-python-web-plonesphere

Yegads

two things

best practices are a moving target

gurus

lucky with code

not so much with the ladies

The Problem Space

documentation, evangelism, marketing are increasing degrees away from creating code.

framework boilerplate is a barrier to entry

increases support burden

causes good ideas to never get attention

leads people to build new frameworks

duplication of effort / confusion

Bottom Line

Best practices need reproducible examples

Showing is better than telling

Skeletor is

programming solution to a social problem

getting started is critical to adoption

software is dead without adoption

Skeletor's evil scheme

- >>> supplement evangelism/complement documentation
- >>> offer some golden roads
- >>> help gurus communicate with the middle class
- >>> help avoid duplication

First Steps

5 months old

Started at second San Jose Sprint, hosted by CIGNEX

pre-alpha

Dependencies

```
>>> python 2.4
```

```
>>> lxml 0.8
```

```
>>> setuptools
```

Basic Features

generate base project:

```
$: skeletor create wanklerotaryengine
```

add content:

```
$: cd wanklerotaryengine
```

```
$: skeletor add_content sprockets
```

apply licence:

```
$: skelete license GPL
```

Go Skeletor Go!



So What

is going on?

More Advanced

>>> user customization

>>> profiles

>>> entry points

User Customization

skeletor accepts custom config files via the -C flag

Profiles

skeleton -P profile

profiles are defined by framework authors or users

determine what plugins are loaded at start up

registered using entry points

Entry Points

api exposed by setuptools

allows for dynamic registration of framework elements

skeletor use 3 main entry points

- console_scripts
- skeletor.profile
- skeletor.default

Skeletor's Points of Entry

skeletor.profile

- registers profiles with skeletor for use with the -P flag

skeletor.default

- registers default options and commands with skeletors default profile

Basic Plugin

```
plugin/  
  /setup.py  
  /src/  
    plugin/  
      __init__.py  
      /data  
/data.zip
```

Some Close Targets

- zope
- new axioms of python
- Zope

pythonproducts

Rocky Burt, awesome Neuffie

allows for the development of big Z products in a small z style

<http://www.plone.org/products/pythonproduct>

included in Zope 2.10

Python Eggs

Basket by Chris McDonough

will be rolled into Zope 2.10

setuptools...

not just for breakfast anymore

Your Thing

Help skeleton help you do your thing again and again and again and again and again and again and again and again and once more, but improved with feeling and again and again and again

Why Skeletor?

- why another framework?
- couldn't you just use x y z
- doesn't AGX do this already?

Message in a Plugin

Installable eggs require zero brains cycles.

Different Audience

- transitional developer
- the evaluator
- the non-core plonista
- the integrator

Anybody who doesn't know or can't remember exactly where and how to start

Community Effort

Where credit is due

- Ben Saller
- Geoff “Goat-belly” Davis
- Cignex

What you can do

Send lawyers, guns, and money

- tell us how you work
- show us how you work. write plugins
- use <http://plone.org/products> as an egg repository
- try the new styles of development
- be involved. send beer.

Skeletor

pre-alpha preview release:

- <http://www.plone.org/products/skeletor>

SVN

- <http://svn.plone.org/collective/skeletor/trunk>

Plugins

- <http://svn.plone.org/collective/skeletor/plugins>

Fin



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