

Simplistix

Stepper & Other Cool Toys

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Play with stuff...

- Use ZEO!
 - documented elsewhere...
- zopectl debug

```
$ bin/zopectl debug  
  
>>> print app  
<Application Manager instance at 0xXXX>  
  
>>>
```

Do stuff...

- zopectl run

demo.py

```
from Testing.makerequest import makerequest
from AccessControl.SecurityManagement import newSecurityManager
from AccessControl.User import system
```

```
newSecurityManager(None, system)
app = makerequest(app)
```

```
app.frameworks.portal_catalog.manage_catalogClear()
get_transaction().note('Cleared Catalog')
get_transaction().commit()
```

```
print app.frameworks.absolute_url()
# prints http://foo/frameworks ;-)
```

```
$ bin/zopectl run demo.py
```

Stepper

- “zopectl run on steroids”

```
class ZCatalogExample(Step):  
  
    commit_obj = True  
  
    def getSequence(self):  
        return self.root.my_catalog.searchResults(  
            id='index_html',  
        )  
  
    def process(self, brain):  
        obj = brain._unrestrictedGetObject()  
        obj.futz()  
  
    def repr(self, brain):  
        return brain.getPath()
```

Stepper

- Simple
- Documented
- Comes with some steps included
 - QuickInstaller Install/Uninstall/Reinstall
 - Delete
 - Reindex
 - CMF Workflow Migration
- Lets have a look at a sample config...
- And a sample run...

Don't miss problems!

- MailingLogger

```
%import Products.MailingLogger
<eventlog>
  level INFO
  <logfile>
    path $INSTANCE\log\event.log
    format \n----- %(asctime)s %(levelname)s\n%(message)s
  </logfile>
  <logfile>
    path STDOUT
  </logfile>
  <mailing-logger>
    level error
    from support@simplistix.co.uk
    to chris@simplistix.co.uk
    subject [%(hostname)s] %(levelname)s: %(line)s
  </mailing-logger>
</eventlog>
```

PDB in ZPT

- Create a product

```
__init__.py:  
  
from AccessControl import ModuleSecurityInfo  
ModuleSecurityInfo('pdb').declarePublic('set_trace')
```

- add a Page Template

```
<html>  
  <body tal:define="mything nocall:here">  
    <tal:x replace="modules/pdb/set_trace"/>  
  </body>  
</html>
```

PAS--

- SimpleUserFolder
 - especially good for RDB integration
 - can be tough for specialised authentication
- <http://www.simplistix.co.uk/software>

PDB in Python Scripts

“...with the source!”

- Not quite there :-)
- ALMOST!
- (really, I mean that!)

Thankyou!

- Chris Withers
- chris@simplistix.co.uk
- <http://www.simplistix.co.uk/software>
 - Stepper
 - MailingLogger
 - SimpleUserFolder
 - (zdb)