

Implementing URISpace

Lightning talk

For the 2008 DZUG Tagung, Saarbruecken

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“Place” In Web Applications

- Restricting access to particular folders
- Varying themes based on section
- Caching policies, etc.

Using Place

- Zope2 / acquisition
 - “Tool” lookup
 - Properties
- Z3
 - Local site managers
- Other frameworks
 - not so much
 - URL dispatch -> “controllers”

URISpace

- XML language
- Maps paths, filenames to policies
- Application-defined / arbitrary policies
- `repoze.urispace` implements spec in Python

Example: repoze.dyndns

- Authentication via `repoze.who` middleware
- Authorization based on path
- DNS target zone based on path
- 1200+ req/sec (ab on localhost)

Resources

- Specification: <http://www.w3c.org/TR/urinspace.html>
- DynDNS app: <http://svn.repoze.org/repoze.dyndns>
- Theming app: <http://svn.repoze.org/repoze.dvselect>