



- Blue Dynamics
- Computer Associates
- Infracore (Silva)
- Nuxeo (CPS)
- Object Realms (Archetypes)
- Plone Solutions (Plone)
- Reflab (Open Flow)
- Struhctur A.G.(Icoya)
- Zope Corporation
- Zope Europe
- ...

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Common infrastructure for CMS on Zope 3

- Common base CMS infrastructure
- CMS systems will share common base
- Zope Public License
- Common collaboration site
- Common repository
- Contributions as time allows

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Functional Areas

- UI/Presentation
- Xickens
- Content Management
- Workflow
- Publishing
- User Management and Security
- Operations
- Integration
- Development support

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- Pagelets
- Portlets
- Layout Managers
- Replaceable UI (ZMI)
- Hat-based UIs
- In-line editing
- XSLT/Pipelining
- Form Controller
- Layout-managed forms
- Accessibility

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- A catalytic “seed crystal” content managements application
- Millstone 1 – Very simple
- Futures
 - FTP
 - Private/public workflow
 - Additional users can log in
 - Password-protected pages
 - Folders
 - ...

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Content Management

- Validation
- Schemas (of various kinds)
- Transformation/Content-type converters
 - XSLT
- References (incl hard, soft, rule-based links)
- Multi-lingual content
- Versioning
- Indexing/Searching (also xpath?)
- Content aggregation
- Large digital assets

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Content-management (continued)

- Meta-data templates
- Syndication (RSS/RDF)
- Automatic extraction of data such as dates and telephone numbers
- Ad-hoc collections, workspaces and palettes
- W3C Annotea support
- Semantic Web
- Collaboration/sharing
- Synchronization

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- Activity-based workflow
- Support for WFMC standards
- State-based workflow



- Staging
- Multi-site publishing
- Automatic reference/dependency detection, management and utilization
- Stable URLs



User Management and Security

- Groups
- Membership
- User notification
- Personalization
- Registration
- Logging
- Member data
- Presence notification
- Security auditing
- Single-sign on

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- Caching and cache invalidation
- Control panel system
- Logging
- Installation/Setup support



- Import/export
- Off-line editing
- External Editor
- WYSIWYG editing
- Desktop integration
- Email processing (Receipt, IMAP ...)
- Exchange/Lotus
- WebDAV
- sync ml
- LDAP and active directory
- Non-ZODB storage
- JSR170



- Installation
- Profiling/tuning
- TTW prototyping
- scheduler
- Standard event definitions
- Pluggable sessioning

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How to get there from here?

- We'll work together to build this content-management infrastructure
- This will take time because:
 - We all have to make a living
 - No need to rush
 - We want to get it right
- ZC (and I expect others) will contribute as time allows and as we **need** technologies

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Bottom Line

- No need to rush to Zope 3
- Don't feel pressured to use Zope 3
(And we won't feel pressured to rush it!)
- Zope 2 is a great system and will be with us for a long time
- If Zope 3 has what you need and backward-compatibility is not an issue, then check it out!

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Technical Activities at Castle Sprint

- Began designing and prototyping a pipelining model for presentation
- Initial version of Xickens
- Prototyped using interfaces to represent states in state-based workflow
- Began designing an association-type system
- Began designing UML modeling patterns for Zope 3
- Began designing Boa support for Zope 3

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