eZ Publish

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eZ Publish

- Opensource CMS
- Product of eZ Systems of Norway
- EZ Systems founded 1999
- Object oriented
- Custom Template language
- Current Version 3.7.0 (regular releases)
- Sophisticated (complex)

Requirements

- ➲ PHP 4 (next major version to support PHP 5)
- ➲ Apache (1.3.X support, 2.0.X works well)
- ➲ Database
  - ● MySQL
  - ● Postgres
  - ● Oracle (requires connector)
  - ● MS SQL (requires connector)

Additional Components

- Online Editor (WYSIWYG)
- Database connectors
- Community Contributions
- Commercial Products

Security

- ➲ Audit trail/ Version control
- ➲ Content approval
- ➲ E-mail verification
- ➲ Granular privileges/ Role based permission system
- ➲ LDAP authentication
- ➲ Pluggable authentication
- ➲ Staging
- ➲ Session management
- ➲ SSL compatibility
- ➲ Versioning

Support

- ➲ Commercial support & training
- ➲ Developer community
- ➲ Pluggable API
- ➲ Professional hosting
- ➲ Public forum
- ➲ Public mailing list
- ➲ Third party developers
- ➲ User conferences

Ease of use

- ➲ Friendly URLs
- ➲ Image resizing
- ➲ Rapid Prototyping
- ➲ Workflow
- ➲ Powerful Template language
- ➲ Undo
- ➲ WYSIWYG editor (Online editor)

Management

- Asset management
- Content scheduling
- Content staging
- Inline administration
- Online administration
- Package deployment
- Sub-sites / roots / multi-sites
- Themes / skins
- Trash
- Web-based style/template management
- Workflow engine

Interoptability

- ➲ Content syndication (RSS)
- ➲ UTF-8 support
- ➲ WAI compliance
- ➲ WebDAV support
- ➲ XHTML compliance

Flexibility

- ➲ CGI-mode support
- ➲ Content reuse
- ➲ Extensible user profiles
- ➲ Interface localization
- ➲ Metadata
- ➲ Multi-lingual content/Translations
- ➲ Multi-lingual content integration
- ➲ Multi-site deployment
- ➲ URL-rewriting
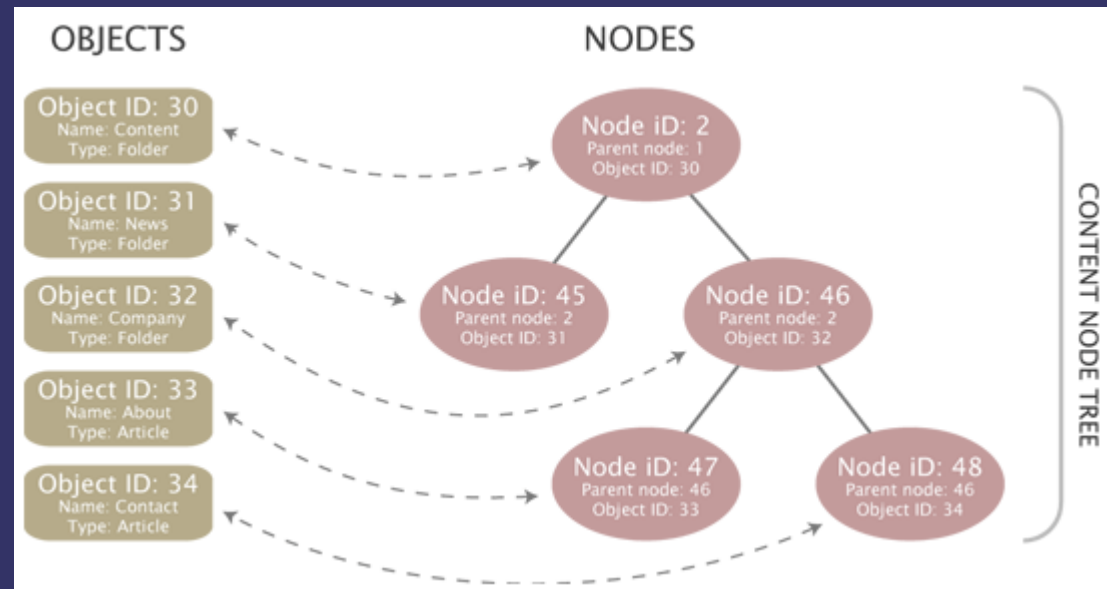
Built in applications

- Blog
- Contact management
- Discussion/forum
- File distribution
- Form creator
- Link management
- Photo gallery
- Polls
- Product management
- Search engine
- Site map
- User contributions

Achieving High Performance

- ➲ PHP bytecode cache is a ***must***
- ➲ Granular cache control
  - Template, Content, View, Database, etc
- ➲ Database replication
- ➲ Load balancing
- ➲ Page caching
- ➲ Static content export

Basic eZ publish definitions

- ➲ Content class
- ➲ Content object
- ➲ Content tree
  - ● Maps Objects to Nodes
- ➲ Template operator
- ➲ Extension
- ➲ Administrative Interface

OBJECTS   NODES

Object ID: 30
Name: Content
Type: Folder

Object ID: 31
Name: News
Type: Folder

Object ID: 32
Name: Company
Type: Folder

Object ID: 33
Name: About
Type: Article

Object ID: 34
Name: Contact
Type: Article

Node iD: 2
Parent node: 1
Object ID: 30

Node iD: 45
Parent node: 2
Object ID: 31

Node iD: 46
Parent node: 2
Object ID: 32

Node iD: 47
Parent node: 46
Object ID: 33

Node iD: 48
Parent node: 46
Object ID: 34

CONTENT NODE TREE

Give it a try

⮕ Demo
  - http://ez.no/products/ez_publish_cms/demo