A non-technical, business introduction to OpenCms 6

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March, 2006
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Alkacon OpenCms overview

- OpenCms is a Website Content Management System
- First public release in March 2000
- Version 5.0 (stable) released May 2003
- Version 6.0 (stable) released June 2005
- Current Version 6.2 released March 2006
- OpenCms is true Open Source Software
- OpenCms is available under the LGPL license
- No licensing costs
- OpenCms can be freely downloaded from the project’s website: http://www.opencms.org
Alkacon OpenCms overview (2)

- Especially suited to build company websites and intranets
- Build for the needs of medium-large enterprises with existing IT infrastructure
- Most features developed according to “real world” customer requirements
- Highly flexible and customizable
- Written in 100% Java
- Uses many proven components from the open source Java community
Alkacon OpenCms overview (3)

- Open source development effort for core system lead by Alkacon Software GmbH
- Active development community
  - 1000+ mailing list subscribers
- Widespread commercial support
  - About 100 official “Solution Providers”
  - 200+ web companies offer support
- Fair amount of documentation available
  - Book on OpenCms written/edited by community members, revised edition under way
  - Interactive documentation / examples
Alkacon OpenCms overview (4)

- Soft & Hardware requirements
  - Software: Open Source to „High End“
    - e.g. Linux + Tomcat + MySQL
    - e.g. Win NT + IIS + Tomcat + MS SQL
    - e.g. Solaris + BEA + Oracle
  - Hardware: High flexibility
    - Runs on a notebook computer
    - Standard configuration:
      Normal Intel PC, 2Ghz CPU, 1 GB Ram
    - Other: SUN Sparc, cluster configuration possible

- Installation is wizard based for default components (e.g. Tomcat, MySQL / Oracle), takes just 5 minutes
OpenCms 6.0 main features

- Direct Edit of content from the front end of the website
- Automatic Online / Offline workflow
- Flexible content repository
- Integrated full text search engine
- WYSIWYG Editor for “unstructured” content
- Easy definition of XML based content items for “structured content”
OpenCms 6.2 improvements

- Multiple selections and operations in the Workplace Explorer
- Native image scaling and manipulation, Photo album
- Visual comparison of document versions
- Integration of the popular FCKeditor for WYSIWYG editing
- Extended editor for structured contents
- Improved search index administration
OpenCms 6 more features

- Manage multiple sites in one installation
- Full text search also in PDF, Word, Excel documents in repository
- Configurable meta information (properties) for all repository resources
- Time based automatic content release / expiration
- Full support for Unicode content
- ACL permission system
- Optional static export of HTML
- JSP based template mechanism
- Templates are version controlled
OpenCms 6 other features

- Advanced multi language support
- Web browser based application
- Full control over the output layout
- Integrated user management
- Project based workflow
- All XML content is schema validated
- Task management
- Version control of content
- History of changes
- XML based content import / export
- Multi path resource access through siblings
- Dynamic page rendering
- Link checking
- Combination of static and dynamic content
- Fully database driven
- Non-GUI shell access to document repository
- Powerful log file configuration
- Open module API for extensions
- ...

Screenshots of Highlights
Demo Screenshot 1: The Explorer - View
Welcome to the OpenCms 6.0 "templateone" demo

This page (and all other pages using this layout) are made using the "templateone" template. This is a full featured OpenCms 6.0 template with additional functions like full text search and automatic navigation building. This template is intended to demonstrate the OpenCms 6.0 capabilities as well as serve as an extended example base to create own template variations.

Please note: This template has been developed in a "real Life" project. It should provide a usable "out-of-the-box" template in case you do not want to invest time to create an individual OpenCms template yourself. But this template is not suitable for beginners to learn basic OpenCms template development, it has a complex structure due to the advanced functions. To learn how to develop simple JSP templates from scratch, you should have a look at the "Welcome / Release notes template".

Feedback to the functionality of this template is most welcome.
Demo Screenshot 3: Direct Editing of Contents
Demo Screenshot 4: The XML Content Editor
Demo Screenshot 5: ACL permission screen
Demo Screenshot 6: Full text search results
Demo Screenshot 7: Photo album with scaled images
Reasons for using OpenCms

- Proven
  - Used by organizations/companies large and small all around the world
- Mature
  - In open source development since 2000
  - Current Version is 6.2
- Easy to use
  - Both WYSIWYG and structured editing, contents directly editable through the frontend
- Standards compliant
  - Uses / implements mature API standards
- Support is available
  - Currently about 100 companies worldwide have registered as official OpenCms Solution Provider
Reasons for using OpenCms

• Cost saving potential
  – Compared to pricy licensing models of traditional closed source vendor products

• Open Source
  – Vendor independence especially important since “consolidation” of CMS market continues

• Fits well into existing IT infrastructure
  – Platform neutral because of Java
  – Can usually use your existing DB (e.g. Oracle)

• Good base for “make” decision
  – In case of “make or buy”

• Favorably reviewed by Analysts
  – E.g. Gartner Group recognizes OpenCms as “one of the most complete and mature of the [Open Source CMS] products reviewed” (*)

(*) Source: Gartner Group report “Roundup of Open-Source Content Management Systems, 1H04” (April 2004)
Selected OpenCms references

**Banking & Insurance**
- LGT Bank in Liechtenstein - [http://www.lgt.com](http://www.lgt.com)
- Banc Internacional d'Andorra i Banca Mora - [http://www.bibm.ad](http://www.bibm.ad)
- Debeka Insurance - [http://www.debeka.de](http://www.debeka.de)
- Hypovereinsbank Group - [http://www.hvbgroup.com](http://www.hvbgroup.com)

**Retail & Consumer goods**
- 3M Pressnet Germany - [http://www.3m-pressnet.info](http://www.3m-pressnet.info)
- The North Face - [http://www.thenorthface.com](http://www.thenorthface.com)
- BP South Africa Ltd. - [http://www.bp.co.za](http://www.bp.co.za)
- Renault (Swiss,Austria,Portugal, ...) - [http://www.renault.ch (.at, .pt)](http://www.renault.ch)

**Tourism**
- The South Pacific Tourism Organisation - [http://www.spto.org](http://www.spto.org)
- Verkehrsbetriebe Zürich - [http://www.vbz.ch](http://www.vbz.ch)
Selected OpenCms references

- **Government**
  
  DIMDI – [http://www.dimdi.de](http://www.dimdi.de)
  Bulgarian ministry of education- [http://www.minedu.government.bg](http://www.minedu.government.bg)

- **Non-Profit Organizations**
  
  Catholic Church of Cologne - [http://www.erzbistum-koeln.de](http://www.erzbistum-koeln.de)
  International Paralympic Committee - [http://www.paralympic.org](http://www.paralympic.org)

- **University & Education**
  
  LeTourneau University - [http://www.letu.edu](http://www.letu.edu)
  Wilberforce University - [http://www.wilberforce.edu](http://www.wilberforce.edu)
  Karlsruhe Institute for Information Processing Technology - [http://www.itiv.uni-karlsruhe.de](http://www.itiv.uni-karlsruhe.de)

... and many, many more, see

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