OpenCms Days 2011

Conference Opening Keynote:

*Presenting OpenCms 8*

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Thank you very much!
The Workshop Tracks, Keynotes and the Conference Roundup will be in this room (Room 2)

The Showcase Tracks will be in the other room (Room 5)

Speakers please be in your room 10 minutes before your session starts to test your connections etc.
Some Questions

- **Question:**
  Who has already attended OpenCms Days 2009 and/or 2010?

- **Question:**
  Who of you is mostly using...
  - OpenCms 6.x ?
  - OpenCms 7.0 ?
  - OpenCms 7.5 ?
  - No OpenCms at all ?
The Road to OpenCms 8

- We started development of OpenCms 8 June 2009

- Initially we used JQuery for the Scripting

- After 12 months development we switched to GWT (Google Web Toolkit)
  - The JQuery files grew to large to handle for us, and we needed to leverage our Java Knowhow
  - That switch did cost us some time, but was worth it
OpenCms 8 Release

- OpenCms Version 8 will be released **today**
  - Available this afternoon on opencms.org

- OpenCms 8 design goals:
  - Make the life of the content manager easier
  - Be more appealing to new users
  - Be backward compatible to 7.5 for existing templates
Advanced Direct Edit

Most visible new functionality in OpenCms 8 is the “Advanced Direct Edit” (ADE) mode.

With ADE, users can manage and create new content easily with drag & drop.
OpenCms 8 Demo, Part I

DEMO

Demo

- OpenCms 8 Demo
OpenCms 8 Demo:
Opening the Edit Toolbar

The edit mode is opened using the icon in the upper left corner.
OpenCms 8 Demo:
The Edit Toolbar

The edit toolbar appears on top of the page and shows the available options.

OpenCms marks the editable parts with the "bulls eye" icon.
Selecting an element for drag & drop with the "Move" symbol
OpenCms 8 Demo:
Dragging an Element (2)

The red lines highlight areas where the element can be moved to.
Hovering over a target container, the dragged element changes its form and shows how it would look in this target area.
OpenCms 8 Demo:
Dragging an Element (4)

The area where the element has been removed is also highlighted.
OpenCms 8 Demo:
Finished Dragging

The element was dropped to a new location
Selecting “Edit” from the element options opens the XML content editor.
The OpenCms XML Editor is displayed as an overlay on the currently edited page.
OpenCms 8 Demo:
Changed Content on Page

Changes made in the editor are immediately displayed on the page.
OpenCms 8 Demo:
Removing an Element

Unwanted elements can be removed from the page with the "Remove" option.
OpenCms 8 Demo:
Element has been removed

The removed element has disappeared from the page.
OpenCms 8 Demo:
Saving changes to the page

If a change has been made to a page, the editor must save or discard these changes before another page can be opened.
New content is created using the “Add” option in the edit toolbar.

A list of possible options for content that can be added to the page is shown.
The user simply selects the content type needed and drags this on the page.
The process is the same as dragging an existing content, possible drop target areas are highlighted.
OpenCms 8 Demo:
Editing new Content

After the new content has been placed, it can be opened in the editor.
OpenCms 8 Demo:
New Content in Editor

The editor is the same as for existing content.
The content was changed on the page, now let's see how we can search for existing content in OpenCms.
OpenCms 8 Demo: Searching for Content (2)

It's possible to select one (or many) content types and see a result list of all existing contents of these types in the OpenCms repository.
The result list displayed can be sorted using various options in order to locate the content searched.
All elements in the result list can be previewed so a content manager is sure the right content was found.
OpenCms 8 Demo:
Content Preview

The preview window for the content that was just created earlier.
The search can be refined with more options, including full text search for keywords.
Found elements can simply be dragged from the result list and dropped on the page.
The clipboard available in the edit toolbar hold a list of all elements that have recently been edited or modified.
Each element can also be added to a user individual favorites list using the "Add to Favorites" option.
The favorites list is also part of the clipboard.
Each element can optionally have specific settings that can modify how the element appears on the page.
The “Element Settings” dialog allows to change the predefined settings.
The color setting of the selected element was changed to the red scheme.
A newly designed, full featured publish dialog is also available from the editor toolbar.
The ADE Technology

CONTAINER PAGE (XML)
ADE Highlights

- Support for Script based elements
  - Just copy & Paste the script for the Facebook “I Like” button into a prepared XML element...

- Formatters can be generic
  - This means they can be used in many templates, not just one template

- For all the details, check out

  Creating OpenCms 8 Container Templates
today at 12:00h and 14:00h, as well as

  Creating OpenCms 8 Plug & Play Modules
today at 15:15h
So I can edit a page with drag & drop, but how do I create new pages? How do I arrange the navigation tree?

The new Sitemap Editor in OpenCms 8 allows you to do just that, and more...
OpenCms 8 Demo, Part II

- OpenCms 8 Demo
OpenCms 8 Demo: Opening the Sitemap Editor

The sitemap editor is opened from the edit toolbar.
The sitemap editor displays only pages – not folders – in the order they appear in the navigation.
OpenCms 8 Demo:
Moving a page in the Sitemap

An existing page can simply be dragged to another location.
OpenCms 8 Demo:

Changed page position

Observe how the navigation has changed accordingly
OpenCms 8 Demo:
Creating a new page

New pages can be created below existing pages from the page dropdown menu.
OpenCms 8 Demo:
Set new page name, title

Name and title of a new – and an existing – page can be edited directly in the sitemap editor.
Opening the new page from the sitemap editor
The new page contains a set of pre-defined elements left and right which has been provided by the template designer.
The OpenCms VFS properties for a page can also be edited directly from the sitemap editor.
The newly designed property dialog allows changing of all properties of the resource in the OpenCms VFS.
• Each site has a sitemap

• A sitemap can be split into several sub-sitemaps
  – For permission settings, easier navigation, better overview

• Each part of the sitemap can contain individual settings for resource types and formatters
  – Limit availability of contents to certain sites
Update from 7.x to 8

- OpenCms 8 is backward compatible with Version 7.5
  - All your 7.5 Templates and Modules still work with OpenCms 8

- Existing installations are easy to upgrade using the provided OpenCms 8 update wizard

- Of course, you can’t use the ADE features unless you transform your content
Other improvements over 7.5

- New HTML base upload dialog
  - Get rid of that nasty “Upload Applet”

- Shared folder /shared/
  - Like /system/, but accessible for the content managers
• OpenCms 8 Demo
Opening the Workplace

The traditional OpenCms Workplace can be opened from the dropdown menu available in the new edit toolbar.
The traditional workplace, pretty much unchanged from version 7.5

Observe how the sitemap editor has created a file system structure matching the sitemap by the user with drag & drop.
One important improvement in the workplace is the new, HTML based file upload dialog that replaces the old upload applet.
Another important improvement is the "Shared folder" that is accessible from all sites and so allows content managers to share assets between many sites.
Further improvements

- Content subscription engine
- Support for mobile devices

- Code Switch to Java 5 “generics”
  - Many external libraries we use are not generic (e.g. Apache commons-collections, dom4j...)

- JPA integration for supporting multiple Databases
  - Contributed by Georgi Naplatanov

- Support for <xsd:choice> in the XML content editor
Update from 7.x to 8

We recommend updating to OpenCms 8 NOW!

- There are only benefits
  - The new HTML upload dialog, the /shared/ folder and the publish dialog in direct edit alone will make your content managers more productive!

- Check out the Workshop Session

  *Upgrading from OpenCms 7.x to OpenCms 8*

  Tomorrow at 12:00h for all the great details
Is it stable?

- Be prepared for some quirks and glitches in the new ADE user interface

- The other improvements are stable

- We need your feedback, please report all issues you find to our OpenCms Bugzilla issue tracker
Upcoming releases

- We will accelerate our release cycle in the next 3 months
  - There was a new GWT release just last week that we could not include
  - We really need your feedback

- Version 8.0.1 by June 29, 11

- Version 8.0.2 by August 18, 11
OpenCms 8.5

- OpenCms 8.5 will be released May or June 2012

- We will improve/replace the XML Content Editor with a JS based version

- The general focus of 8.5 will be to improve the ADE user experience even further
Question: Who knows what Alkacon OCEE is?

- OpenCms Enterprise Extensions
- Set of Commercial OpenCms Modules from Alkacon

Many large scale OpenCms installations use Alkacon OCEE in order to improve performance and scalability

- LDAP Connector
- Database Accelerator
- Clustering
- Data Replication
Alkacon OCEE

- Current OCEE Version is 2.1
  - Compatible with OpenCms 7.x
  - Update to the latest 2.1.4 release (if you have not done so) for big performance improvements in the OCEE Accelerator

- OCEE Version 3.0
  - Required for OpenCms 8
  - To be released by June 25, 11

- OCEE Version 1.0
  - For OpenCms 6.x
  - No further releases are planned
  - Support ends January 1, 2012
The Alkacon OAMP modules
- OpenCms Additional Module Packages
- Set of free, open source modules from Alkacon

New releases lately:
- GeoMap Module
- Excel Import Module

Alkacon OAMP for OpenCms 8 soon
- Expect release of the Webform module for OpenCms 8 within the next 6 weeks
- More to follow
Questions

QUESTIONS?

Fragen?

• Any Questions?

¿Preguntas?

Questiones?
This evening

• Conference Get-Together in the “Kandinsky” Bar / Restaurant
  – Start: 19.30h, open end

• The Kölsch (and soft drinks) will be on us!
Thank you very much for your attention

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