OpenCms Days 2008

Conference Opening Keynote: 
*Status of the OpenCms Project* 
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CEO Alkacon Software GmbH
OpenCms History

- OpenCms version 1 & 2: since 1995
  - Called “MHT”
  - CLI written in C, also used with CGI
- OpenCms version 3: 1998
  - Called “MhtCms”
  - First version based on Java & servlets
- OpenCms version 4: February 2000
- OpenCms version 5: May 2003
  - First version from Alkacon Software
- OpenCms version 6: June 2005
- OpenCms version 7: July 2007
#begin body-data
  #def name test1
  #def gertitle MHT Demo Site: test1 (deutsch)
  #def engtitle MHT Demo Site: test1 (english)
  #def style demo
@end body-data

#begin body-doc
  #file ger
  <h1>Hallo Welt!</h1>
  Dies ist ein Beispiel für eine Content-Seite.
  #file eng
  <h1>Hello World!</h1>
  This is a example page to be compiled as a content page.
  #file all
  This line will be rendered into all language versions...
  Diese Zeile wird in alle Sprachversionen eingefügt...
@end body-doc
OpenCms 3.x Explorer
Kostenlose Software für das Web-Management

WWW-Redaktionssystem als Open-Source-Projekt


OpenCms 4.x - 5.x Explorer
OpenCms 4.x - 5.x Editor

While the primary objective of Minesweepers was to detect Mines and disable them, there was another concept of protecting ships against mines. To create a safe passage through a minefield by using a special ship that sails in front and detonates the mines before they can harm a much more valuable ship.

The ships used for this task - the Pathfinders (or German: Sperrbrecher) had to be very robust to withstand mine explosions. By 1940 the magnetic mines were the biggest threat for ships entering or leaving their bases; hit by aircraft during the night they could cause severe damage when staying undetected. Therefore the Pathfinders were equipped with a VES System, basically a huge magnetic field generator that could explode magnetic mines in a safe distance.

From this time, Pathfinders were used to escort surface ships and U-boats from and to their bases to remove mines and - with their quite heavy AA armament - give some additional protection against air attacks. Because of this, the ships were often equipped with barrage balloons.

Over 100 Pathfinders - mainly former merchant ships with a size of about 5000 ts - were used during the war and it is not very surprising that about 50% of them were lost in this dangerous role. Some of the surviving ships were later used as merchant ships again and served until the 1970s.

On the other sections of this page, the technical data for a typical Pathmaker, the Sperrbrecher 32, is shown.
OpenCms 7 Explorer
Fun with Sausage!

The best sausage rhymes

I'm not a sausage stuffer
I'm a sausage stuffer's mate
I'm only stuffing sausages
Munich, Germany - German butcher develops nearly fat-free sausage

Development in one and a half year

Fat-free sausage sounds like an oxymoron, but German food researchers and the butcher have come up with a recipe for it. But the real question is how the new wiener's taste. "It contains only two and a half percent fat, but it's tasty, nevertheless" says the inventor.

One and a half year ago, the first tries in the butcher's kitchen completely flopped: "They were like chewing gum", remembers the butcher. But after a few more attempts, the results started tasting better, and Joseph P. joined some researchers from Fraunhofer Institute, one of the leading german research organizations. Since that time, the team has improved the taste further on and developed nearly fat-free recipes for a whole spectrum of German sausage varieties.

Groundbreaking Capabilities

The capabilities of this innovation are huge, because there is an annual consumption of approximately 1.5 billion tons of...
OpenCms today in numbers

- 2000 Visitors daily on opencms.org
  - Measured with Google Analytics
- About 5000 OpenCms 7 Downloads monthly
  - Average is 150-200 per day
- 300+ Reference sites on opencms.org
- Sites using OpenCms: Best guess 5000+
- 1500+ subscribers on the opencms-dev Mailing list
- 135+ members in Facebook
- 110+ members in Xing
- 30 – 40 new demo users each day
OpenCms 7 developer book

- Available now!
- Written by Dan Liliedahl
- Includes lots of advanced OpenCms API code samples

We have 3 review copies available to give away for free after the conference.
OpenCms Solution Providers

- 120+ OpenCms Solution providers listed on opencms.org

- Some active, but also some rather inactive
  - Only about 40% responded when we recently asked for an address update

- Low entry bar to program

- Limited cooperation
Development on OpenCms

- **Core Development**
  - Alkacon 97.5% - Others 2.5%
  - Mostly DB Drivers, some bug fixes

- **Module Development**
  - Increasing activity
  - More quality modules are made available
    - KB suite, Qbizm, Futurate...
  - Many modules are only available as “semi commercial” modules, limited to a specific vendor
OpenCms Roadmap

• Version 7.0.5
  – July 2, 2008

• Version 7.5
  – April 2009

• Version 8.0
  – July 2010
OpenCms 7.0.5

- Fixes all known security issues
  - 2 Issues reported in 7.0.4 already fixed in HEAD
- Syntax highlighting in JSP / HTML / XML editor
- Time shift alias server names
- Improved support for translations in XML Content editor
  - Copy content DE → EN etc.
- Performance improvements
- Updated Lucene and other core jars
- Lots of issues fixed...
OpenCms 7.5

- Image Manipulation
  - Support for image cropping from galleries
- Improved Editors for XMLContent
  - Support for xsd:choice
  - Make editor more responsible by using Ajax
- Improved Direct Edit Usability
  - Arrange Items on the page by Drag & Drop
  - Support for adding and deleting resources, manipulating the Navigation etc.
- Extended EL Functionality

Disclaimer: List subject to change, financing not secured yet
OpenCms 8.0

- Supports JSR 170
- Offer access to VFS via Web Service
- Integrates Workflow Engine
  - Most likely JBPM
- Uses JPA for DB persistence
  - Drop individual DB persistence layers
- Includes native support for JavaScript
  - Scripting access to OpenCms API

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OpenCms Java Versions

- OpenCms 7.5: Use Java 5 language features
- OpenCms 8.0: Require Java 6 runtime

**Rationale:**
- Java 5 available since September 2004
- Java 6 available since December 2006
- Java 7 targeted in 2009
  - First full „Open Source“ Java Release using GPL 2.1

- OpenCms 7.5 will make use of new language features such as generics
- OpenCms 8.0 will make use of extended APIs such as Web Services (JAX-WS) and Scripting language integration
New OAMP Modules

- New OAMP Calendar Module
- New OAMP Survey Module
  - Both available until May 31
  - GPL v3 license

- Page Comment Module in Development
  - Available until June 30
  - Attach blog like comments to all pages

- More to come...
Alkacon OAMP Calendar Module

The module extends a basic OpenCms installation with the capability to display different calendar-based views on time-based events. It provides the following features:

- Different JSP side elements to be included in an existing template showing a monthly overview or the most recent events.
- Daily, weekly, monthly and yearly overviews can be shown.
- Easy configuration of resource types that should be displayed in the calendar views.
- Shows local holidays like New Year's Day or Christmas.
- Additionally, it is possible to define serial dates appearing more than once in the calendar.

More information about the Alkacon OAMP Calendar Module can be found in this PDF document.
## Calendar entries for May 2008

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thu, 1 May</td>
<td>9:00 AM to 5:00 PM</td>
<td>OpenCms Days - Day 1</td>
</tr>
<tr>
<td>Fri, 2 May</td>
<td>9:00 AM to 5:00 PM</td>
<td>OpenCms Days - Day 2</td>
</tr>
<tr>
<td>Sat, 3 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sun, 4 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon, 5 May</td>
<td>5:00 PM to 6:00 PM</td>
<td>Barbecue</td>
</tr>
<tr>
<td>Tue, 6 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wed, 7 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thu, 8 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fri, 9 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sat, 10 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sun, 11 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon, 12 May</td>
<td>5:00 PM to 6:00 PM</td>
<td>Barbecue</td>
</tr>
<tr>
<td>Tue, 13 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wed, 14 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thu, 15 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fri, 16 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sat, 17 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sun, 18 May</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon, 19 May</td>
<td>5:00 PM to 6:00 PM</td>
<td>Barbecue</td>
</tr>
</tbody>
</table>

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**Recent news**

- **New fat-free sausage**
  - Jan 5, 2008
  - Munich, Germany - German butcher develops nearly fat-free sausage

- **Sausage in new exotic flavors**
  - Jan 4, 2008
  - Berlin - New exotic types of sausage: flavors ranging from kiwi, marschino, cherry, lemon and even aloe vera.
Big Wurst Survey

Which is your favorite wurst?*

- Frankfurter
- Wiener

How do you like the OpenCms Wurst demo?

- Very good

All fields marked with an asterisk (*) are mandatory.

Submit
Direct Edit Drag & Drop

Step 1 / 5
Direct Edit Drag & Drop

An eye on sausage
Topics from the world of sausage
Here you can find the best stories about sausage.

Popular articles

The large sausage parade
Get hungry by looking at this parade!

Sausage making
An overview about sausage making.

Link box
XML contents can be used, also to create reference lists.

While the listbox automatically shows contents which are subject to several conditions, the listbox just has an editable entry, so there is full control of what is displayed.

Recent news

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Munich, Germany - German butcher develops nearly fat-free sausage.

Sausage in new exotic flavors
Jan 4, 2008
Berlin - New exotic types of sausage: Flavors ranging from kiwi, marshmello cherry, lemon and even aloe vera.
Direct Edit Drag & Drop

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Get hungry by looking at a tasty piece of sausage!

Sausage making
An overview about sausage making

The sausage parade
Visit our large sausage parade!
• How can we cooperate more efficiently?
• Why should we increase our cooperation?
Direction of cooperation

• Who should cooperate?
  – Alkacon
  – OpenCms Solution Providers
  – Companies and Organization using OpenCms
  – All other OpenCms Stakeholders

• Suggested first step:
  Maintain a “Common Set” of OpenCms modules that work well together
  – Alkacon will contribute OAMP Modules
Common Module Set

- Collect OpenCms extensions often required in a project
- Common Set should be tested to work well together
  - Common “look & feel” would be great, too
- Common Set should allow extensive fine tuning and customization
  - There will be enough “to do” in the project customization
  - Use the same time as before, but provide more features to your customer
Why Cooperate?

- Increase the value of your investment.

- The competition is all the other CMS systems on the market, not the next OpenCms Solution provider.

- Want to expand your business? Take away market share from other CMS systems.

Together, we can rule the galaxy!
How to cooperate?

- **Introducing OpenCms Development Sprints**
  [From the Wikipedia article “Hackathon”]

**Sprints**

A sprint is a short period of software development. Sprints have become popular events among some open source projects [...].

The sprints organized by companies often focus on the concepts of the Extreme Programming software development method. There the sprint is directed by the coach, who suggests tasks [and] tracks their progress [....].

Sprints can vary in focus. During some sprints people new to the project are welcomed and get an intensive hands-on introduction pairing with an experienced project member. [...]

A significant benefit of sprinting is that the project members meet in person, socialize, and start to communicate more effectively when working together remotely.
OpenCms Sprints

- **OpenCms Summer Sprint**
  - 2 Days
  - July 21 – 22, 2008 (tentative schedule)

- **Location?**
  - Depends on number of participants
  - Alkacon office or elsewhere in Cologne

- **Goals:**
  - Get to know each other better
  - Develop a common vision
  - Maybe work on the “Common Set” of modules
  - First step to increase the cooperation
Thank you very much for your attention

Alexander Kandzior
Alkacon Software

http://www.alkacon.com
http://www.opencms.org