



# MAMBO Roadmap

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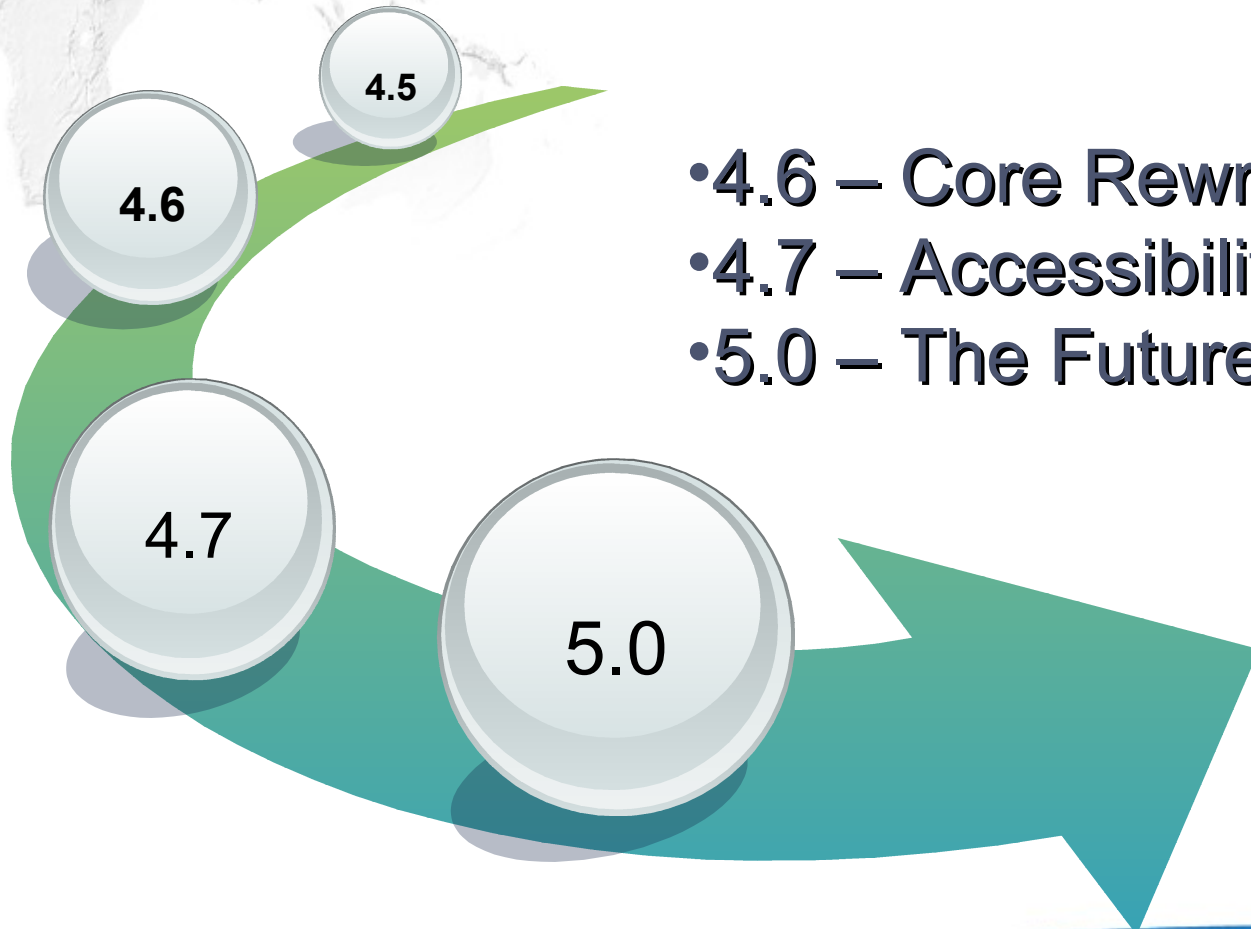
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Mambo 5.0

# Mambo Roadmap

- **What has been accomplished?**
  - 4.5.3 built off the popular 4.5.2.3 version adding additional security and many bug fixes.
  - 4.5.4 & 4.5.5 were more of the same (i.e.) Security enhancements, bug fixes, minor improvements.
  - We have reached the end of the 4.5.x branch, but continue to offer support and security patches as needed.

# The Road Ahead



- 4.6 – Core Rewrite
- 4.7 – Accessibility
- 5.0 – The Future



## Mambo Roadmap

- **Mambo 4.6**
  - After more than 9 months in the making version 4.6 was released and was a major leap forward for the project.
  - 4.6 set the stage for continuous improvement, greater security, better performance, and a stronger/leaner Mambo.

# ➤➤ Mambo 4.6 Offerings - continued...

## MOSTlyCE

- The new default WYSIWYG editor, is introduced.
  - Based on the latest TinyMCE editor.
  - Better compression, browser support, and XHTML support.
- .....➔

## MOSTlyDB Admin

- New component based on the old dbadmin component.
  - Offers users an easy way to backup and restore database.
- .....➔

## Comments

- Built-in comments component for handling end user comments.
- .....➔

## Enhanced Help

- New help screens have been added and others updated
- Decreases inaccuracies in the delivery of help content.

# ➤ Mambo 4.6 Offerings - continued...

## Universal Installer

- Capable of installing any type of Mambo package (i.e.) Component, Module, Mambot, and/or Template.
- Replaces old individual installers



## Language Manager

- Enhanced language manager allows for simple translation of the Mambo core.



## Mambo Lite

- Lite version aimed at developers & advanced users
- Just the solid, functional core of Mambo. Nothing is included that isn't essential to running Mambo.



## Add-On Installer

- Displays a list of official Mambo extensions that can be installed with the click of a button.
- Any number and/or type of packages can be installed with 1 simple click.

# ➤ Mambo 4.7 / 5.0

## Version 4.7

- XHTML 1.1 Validation
- WCAG 1.0 - Priority 1, 2, and some 3
- JavaScript clean-up
- Dublin Core Metadata
- Sitemap Component
- Xstandard Editor
- Hierarchical Page Structure
- Updated Admin Panel



The diagram features a central blue oval with a green shadow, containing the text 'Key Points'. Two large arrows, one light blue and one medium blue, point from the oval towards the left and right sides of the slide, respectively, indicating the flow of information to the version-specific feature lists.

## Key Points

## Version 5.0

- Core rewrite, CakePHP
- Content Versioning
- Template Engine
- Database Portability
- Multi-Site Support
- N-Level Content
- Human Friendly URLs
- More to come....



# Mambo Roadmap

- **Mambo 4.7 – What's new?**
  - XHTML 1.1 Validation
  - Enables ability to deliver websites that fully comply with WCAG 1.0 - Priority 2, out of the box (as well as most Priority 3 compliance items).
  - Front-end JavaScript clean-up. Much of the old JavaScript has been removed and/or only left as secondary validation.

# ➤ Mambo Roadmap

## ▪ Mambo 4.7 – Continued...

- Several important Dublin Core metadata elements are now delivered in the head of the document. Provides simple standards to facilitate the finding, sharing, and management of information.
- A simple sitemap component offers a way for visitors to orient themselves on the site. It improves usability and accessibility. Also offers sitemap XML file generation based on the sitemap protocol.

## ➤ Mambo Roadmap

- **Mambo 4.7 – Continued...**
  - Custom version of the XStandard editor provided in partnership with XStandard. Offering many of the XStandard advanced features that are not available in the Lite edition. This editor is keyboard accessible and produces XHTML compliant code.
  - Makes use of appropriate headings throughout a page, allowing the site designer to build a proper page structure (document outline).

## ➤ Mambo Roadmap

- **Mambo 4.7 – Continued...**
  - The back-end administration panel has been freshened up and small, yet significant, changes for accessibility and usability have been introduced.
  - New icons have been selected and designed, based on the open source Tango Desktop Project.
  - JavaScript dependency has been reduced and forms re-written. Suckerfish style menus (removal of JSCookMenu).

# ➤ Laying the Groundwork

4.5

4.6

4.7

**Mambo 5  
“The Future”**

# ➤ Mambo Roadmap

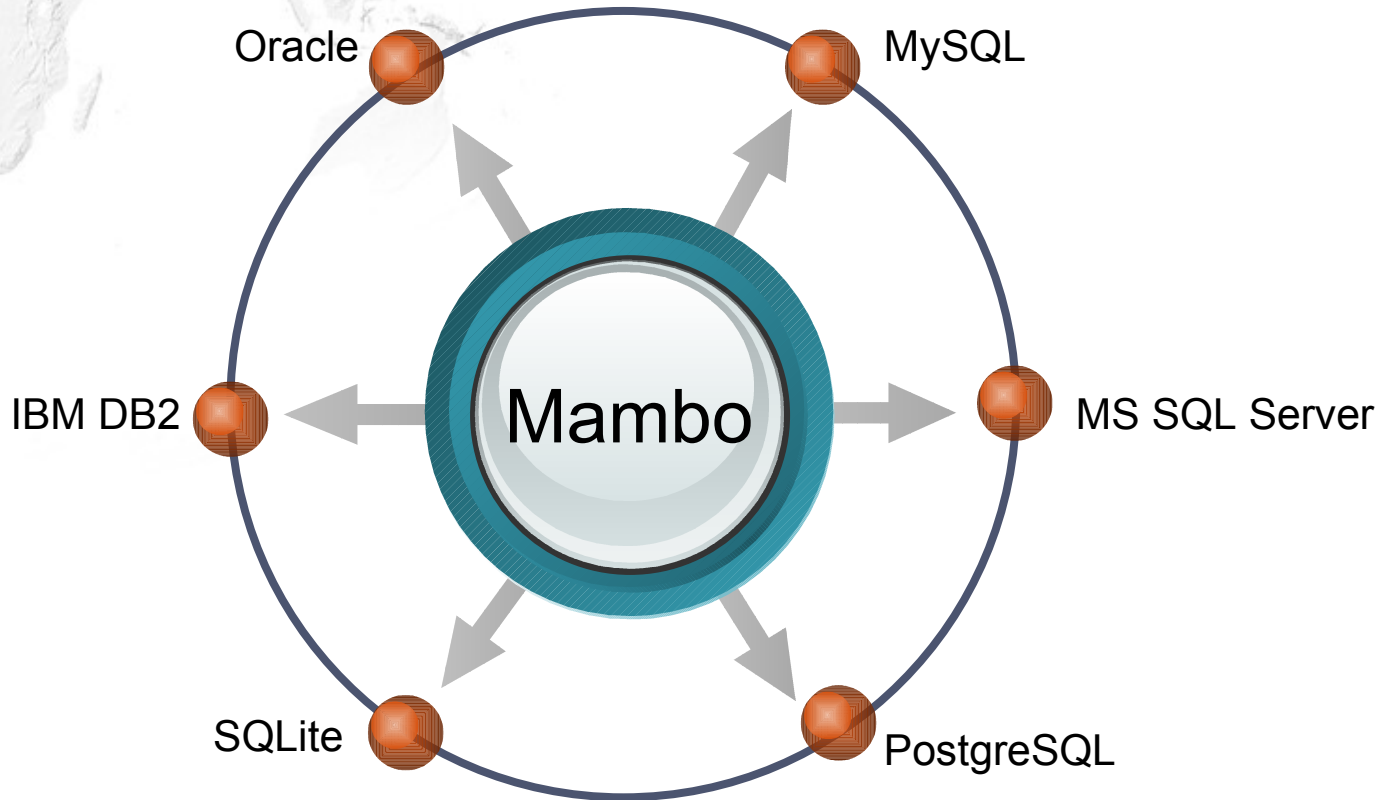
- **Mambo 5.0 – Where are we headed?**
  - Core re-write utilizing the CakePHP framework. Cake is a rapid development framework for PHP which uses commonly known design patterns like ActiveRecord, Association Data Mapping, Front Controller, and MVC.
  - Enable versioning of content items
  - Lightweight Directory Access Protocol (LDAP) support



# Mambo Roadmap

- **Mambo 5.0 - continued...**
  - **Database Portability** – The team aims to bring Mambo to most of the major database platforms. This has been a highly requested feature and one that is needed for the enterprise market.
  - Utilize ADOdb/AXMLS for the portable installer
  - Utilize native CakePHP database drivers for normal portable operations.

# Supported Database Platforms



**These are planned.  
More will likely follow...**

# ➤ Mambo 5.0 – More Ideas in Planning

- **Multiple Site Management/Remote Admin for Mambo (RAMBO)** - The goal would be to allow for the remote administration of multiple Mambo installations from a single local administration panel.
- **Improved Access Controls** – Mambo needs more robust access controls. The current structure is too limited. Users need more granular control and the ability to customize permissions to meet the needs of the systems they are building.

# ➤ Mambo 5.0 – planning continued...

- **N-Level Content** - The current section, category, static content structure is too limited. Users should not be forced to fit their content into the structure of the CMS. Rather the system should support the complex nesting/relating of content that our user base demands.
- **Full integration of WAP/mobile interfaces** - Drop dependence on desktop. Make site admin interface easier to handle on alternative devices.
- **Human Friendly URLs**

## ➤➤ Mambo 4.7/5.0 – Where are we now?

- Version 4.7 is nearing a public beta
- The Mambo 5 installer has been rebuilt with CakePHP 1.2, ADOdb, and AXMLS. The installer has gone through some internal testing, but further work is on hold until we finish 4.7.
- Internal tests of the new installer have demonstrated the successful creation of the Mambo database tables and sample data set-up on MySQL 4/5, PostgreSQL 7/8, MS SQL Server Express 2000/2005, Oracle XE 10g, & SQLite2.

# The End

Discussion continues on the official Mambo forums:

<http://forum.mambo-foundation.org/>



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