



MAMBO Roadmap

Chad Auld - Core Development Team Leader



www.source.mambo-foundation.org





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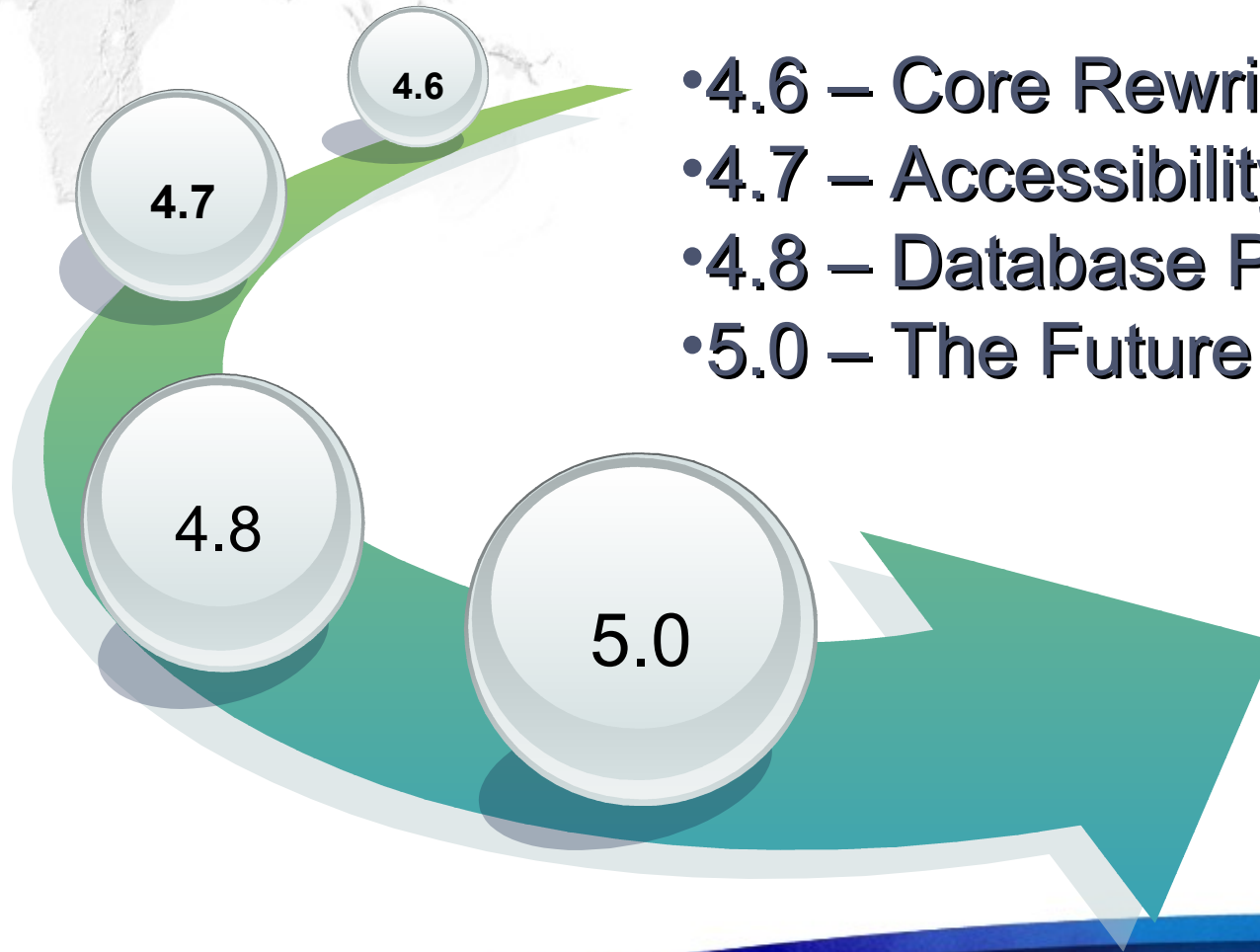
Mambo 5.0



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 was 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
- 4.8 – Database Portability
- 5.0 – The Future



Mambo Roadmap

- **Mambo 4.6**
 - After more than 9 months in the making version 4.6 is released and is a major leap forward for the project.
 - It sets 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.
 - Issues found in earlier 4.6 versions, but with 4.6.2 the UTF8 issues have been resolved.
-➔

Mambo Lite

- Lite version aimed at developers & advanced users
 - Contains just core add-ons needed for Mambo to function
-➔

Add-On Installer

- Displays a list of official Mambo add-on packages 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 / 4.8

Key Points

Version 4.7

- XHTML 1.0
Strict Validation
- WCAG 1.0 - Priority 2
- Front-end Javascript
clean-up

Version 4.8

- Content Versioning
- Template System
- Database Portability



Mambo Roadmap

- **Mambo 4.7 - Accessibility**
 - 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).
 - XHTML Strict 1.0 Validation
 - Front-end Javascript clean-up. Much of the old Javascript will be removed and/or only left as secondary validation.



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- **Mambo 4.7 – Other Possibilities...**
 - Dynamic Sitemap Component
 - Dublin Core Metadata
 - Tableless Content Component



Mambo Roadmap

- **Mambo 4.8**
 - Content Versioning – Users should be able to version their content, roll-back to a specific version, control how many versions to keep, etc.
 - Template Engine – Still being discussed. The team is looking at Smarty, Savant, and PHPTAL. A home grown template system is also not entirely out of the question.



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- **Mambo 4.8 - continued...**
 - Database Portability – A most requested feature and one that is needed for the enterprise market. The team aims to bring Mambo to most of the major database platforms. We will implement the ADOdb database abstraction library.

Why ADOdb?

1

Speed

ADOdb has proven to be one of the fastest open source database abstraction libraries available for PHP.

2

Maturity

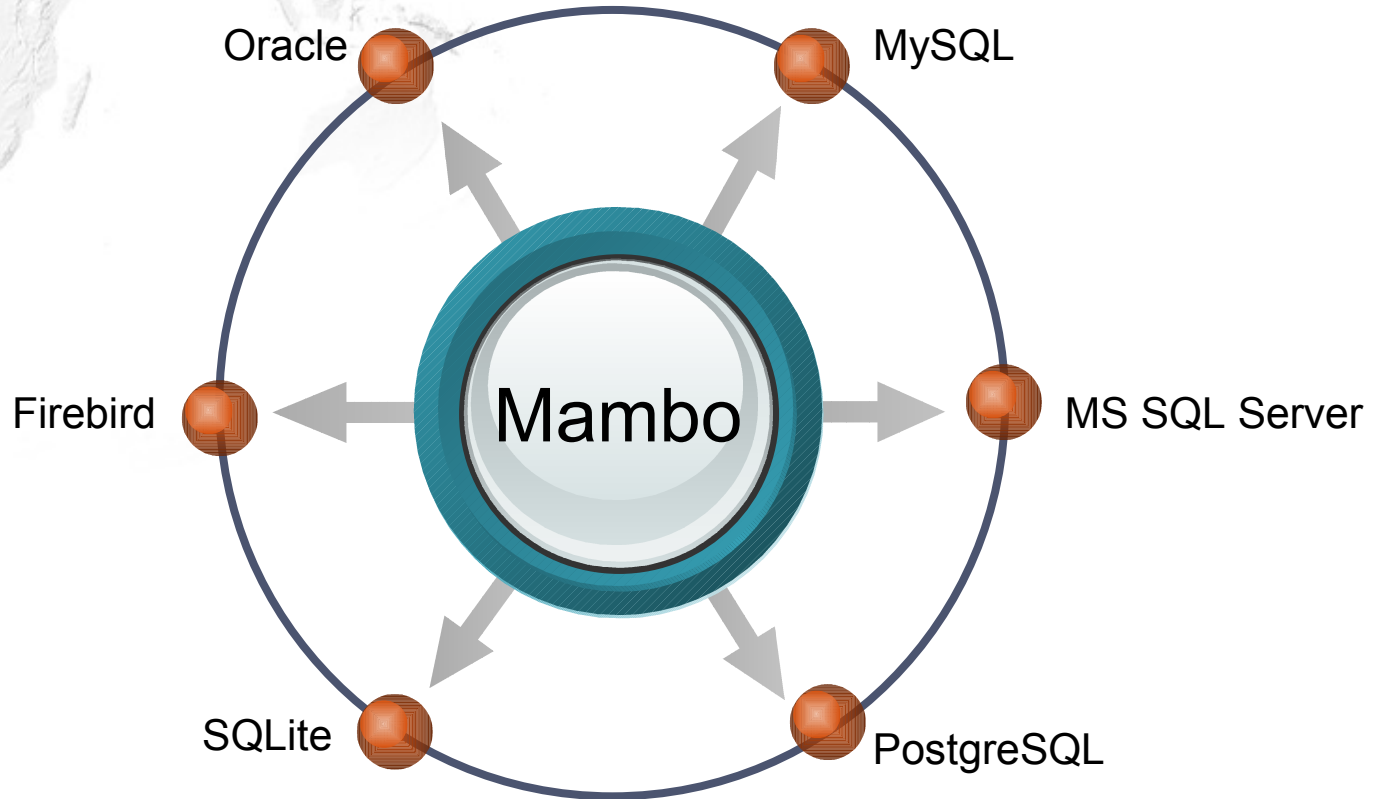
ADOdb has been in development since 2000. It is well tested, used by many projects, and is very well documented.

3

Team Experience

We have several team members with a great deal of experience with ADOdb.

ADOdb – Supported Platforms



Plus many more...

➤ ADOdb – Where are we now?

- The Mambo installer has been revamped to support ADOdb. The look of the installer has not changed much, but it now utilizes ADOdb and ADOdb-xmlschema (AXMLS).
- The installer has gone through some internal testing, but further work is on hold until we finish 4.7.
- Internal tests have demonstrated the successful creation of the Mambo database tables and sample data set-up on MySQL 4/5, PostgreSQL 8, Firebird 1.5, MS SQL Server Express 2000/2005, Oracle XE 10g, & SQLite 3.



Laying the Groundwork

4.6

4.7

4.8



Mambo 5
“The Future”

➤ Mambo 5.0 – Ideas in Planning

- **Multiple Site Management** – The goal would be to allow for the administration of multiple Mambo installations from a single location.
- **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 ACL to meet the systems they are building.

➤ Mambo 5.0 – 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 complex nesting/relating of content that our user base demands.

The End

Discussion continues on the official Mambo forums:
<http://forum.mambo-foundation.org/>



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