

Introducing the Joomla! 1.5 API

BostonPHP

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The Presenters

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Background

- Joomla! was born in September 2005
- Joomla! 1.0.0 <-- Mambo 4.5.2.4 (plus some goodies)
- Initially was a rebranding effort

The Problems

- Still had old Mambo references (yuck)
- Procedural legacy code (double yuck)
- Brittle, difficult to improve without significant effort (triple yuck)

The Challenge

- International community throws down the gauntlet: “Give us internationalization, or lose us forever!”

The Plan

- Implement UTF-8
- Refactor where possible

The Process



The Result

- UTF-8 support, mission accomplished!
- Complete core refactor
- Modification of 3PD libraries, some required replacement outright
- Tick, tock, tick, tock...

Enter Joomla! 1.5

- The result of the i18n efforts, as well as the total refactor of the core
- Dedicated to OO benefits and advancements in functionality
- Much better naming consistency
- More flexible
- More power
- More simplicity

1.5 Developer Features

- FTP Filesystem Layer
- Database Drivers
- Tiered application architecture
- Registry class
- Installer cleanup
- Plugin system (observer)
- Document class

1.5 Surprises

- Joomla! 1.5 and eAccelerator are a perfect pair for performance and scaling
- Base architecture for all the missing features is now in place – next up, all the other missing pieces
- We did what a lot of developers were wanting in the first place

Developer Resources

- Joomla! Developer Portal
(<http://dev.joomla.org>)
- Joomla! API Documentation
(<http://api.joomla.org>)
- Joomla! IRC Channel

Open Discussion

“Stump the Geek”

Conclusion

- Pass out LinuxWorld Expo Passes
- Hope for beer