

# Movable Type Open Source (MTOS) for the Perl Developer

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# Why MT Matters

- MT is one of the most widely-deployed and well-known pieces of Perl applications in existence...
- ...and now it's GPL.
- There is a lot we can all learn and benefit from as a community.

Melody: Welcome to the Main Menu

Select an existing blog to edit, create new blogs, add/edit authors and edit your personal information.

Your existing blogs:

Add entries, manage templates, set configurations, etc.

FIRST BLOG

Entries: 0    Comments: 0    Authors: 1

[New Entry](#) | [Manage Blog](#) | [Delete Blog](#)



CREATE NEW BLOG



ADD/EDIT BLOG AUTHORS

Add authors, set permissions



EDIT YOUR PROFILE

Change password, contact info



VIEW ACTIVITY LOG

System activity, logins



SET UP BOOKMARKLETS

Bookmarklets enable one-click publishing

“You’ve come a long way baby”

October 8, 2001

MOVABLETYPE™  
Publishing Platform

MAIN MENU | SYSTEM OVERVIEW | HELP

Welcome Melody | Logout

Weblogs: First Weblog Go

MY WEBLOGS

**First Weblog**  
URL: <http://intranet/>

Create a new entry on this weblog

Entries (0) | Comments (0) | TrackBacks (0) | Templates | Settings | View Site »

Show Display Options

MOVABLE TYPE NEWS »

10.10.2006 [Six Steps to Starting a Corporate Blog](#)

SYSTEM SHORTCUTS

- WEBLOGS  
Concise listing of weblogs.
- AUTHORS  
Create, manage, set permissions.
- PLUGINS  
What's installed, access to more.
- ENTRIES  
Multi-weblog entry listing.
- COMMENTS  
Multi-weblog comment listing.
- TRACKBACKS  
Multi-weblog TrackBack listing.
- SETTINGS  
System-wide configuration.
- SEARCH & REPLACE  
Find everything. Replace anything.
- ACTIVITY LOG  
What's been happening.

QUICKPOST

SET UP A QUICKPOST BOOKMARKLET  
Enable one-click publishing.

“You’ve come a long way baby”

2005

## Code / Appnel Solutions

BLOG STATS **Entries** Comments Tags

## MOST RECENT ENTRIES

✓ **On the Decentralization, Diversification and Colonization of Perl**  
As I begin to prepare my presentations for next week's YAPC::NA conference I feel compelled to finally throw down the gauntlet and write about important points that seemed to be missed by most of the Perl community.  
Posted by Timothy Appnel Jun 10 Tagged: Andy Lester, barriers to entry, Perl Buzz, PHP, Ruby on Rails

✓ **On MT Feed Support**  
The next version of Movable Type, version 4.15 (aka "Cal"), will remove the RSS feed template from the defaults. There is no longer any practical reason to have multiple feed formats of the same information.  
Posted by Timothy Appnel May 9 Tagged: Atom, feeds, MT4.15, RSS, syndication, usability

✓ **Appnel @ YAPC:NA 2008**  
I'll be presenting at YAPC:NA 2008 on MTOS and using Amazon Web Services with Perl.

## This is you

 **Timothy Appnel**  
Your last entry was Jun 10 in Code / Appnel Solutions.  
You have 21 drafts.  
You've written 529 entries with 149 comments.

[Edit your profile](#)

## Handy Shortcuts

[Plugins](#) [Search & Replace](#)  
[Trackbacks](#) [Activity Log](#)  
[Import Content](#) [Blog Preferences](#)

MT News **Learning MT**

June 12, 2008

## Movable Type: A History of Security

If you follow blogging news, you've undoubtedly heard a lot of concern recently about blogs on other platforms being hacked or blocked from search engines. Good news: Movable Type has a proven

“You’ve come a long way baby”

Today

# MT Myths Debunked

MT may be open source  
but Six Apart may take  
it back *again*.

MT is only free if I'm  
not doing anything  
commercial

MT isn't entirely free

MT went open source  
because it's being  
abandoned

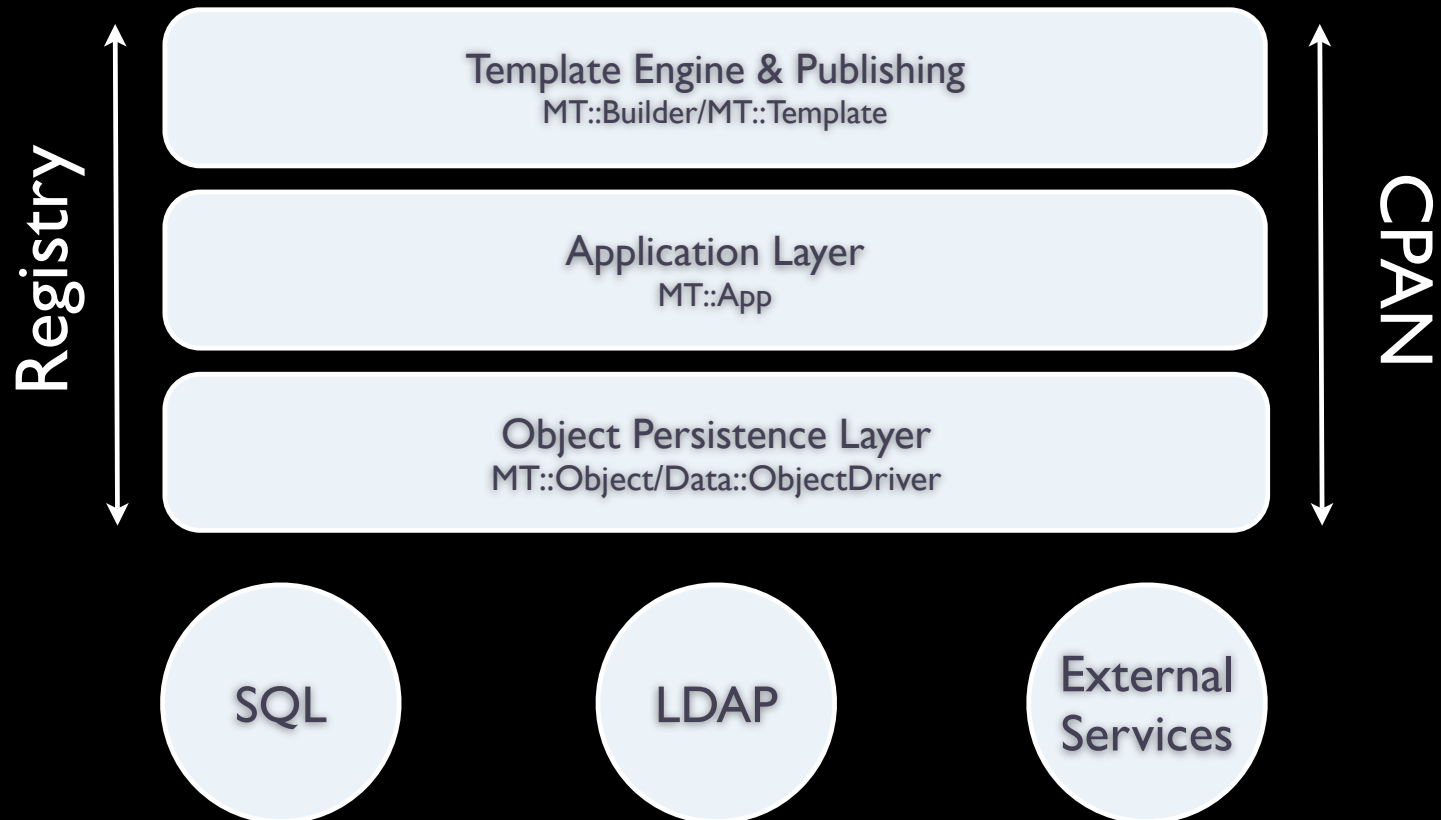
MT is slow and doesn't  
scale besides CGI is so  
old school and static  
pages suck.

MT is hard to install



Six Apart is evil and are the  
spawn of Ballmer and Gates

# MT Architecture



# The MT Registry

- Madness or pure genius?
- How to support widely different user base needs
- More flexible than inheritance
- Curtails Plugin API growth
- YAML(::Tiny!) though Perl data structures can be used
- Avoid loading and compiling code unless needed (Pure YAML form only)

# Object Persistence Layer

- Built to make working with BerkeleyDB sane
- Adapted for SQL usage layer
- Forked for TypePad
- Live Journal adds expertise -- query optimizations, partitioning, memcached
- Becomes Data::ObjectDriver
- MT4 now uses Data::ObjectDriver with a compatibility and connivence layer on top

# Templates

- No code (SQL, Perl, other) needed, just tags
  - A very important attribute for non-technical users
- Recently made “Turing complete”
- Used for publishing **AND** app screens now  
(Replaced HTML::Template for application screens)
- Tag handlers that are pluggable and can be overloaded
- Can generate anything textual

# Templates

```
<mt:entries lastn="10">  
  <$mt:entrytitle encode_html="1"$><br/>  
</mt:entries>
```

# Plugins Plugins Everywhere

- Callbacks
- Menus
- Tasks
- Actions List
- Transformers  
(Greasemonkey for MT)
- Preferences/Config
- Authentication Driver  
(Front & Back)
- Junk Filters
- Object Metadata
- Import/Export Formats
- WYSWIG Editor
- Styles
- Templates Sets
- Archive Types
- File Drivers (Almost)
- Asset Types
- Text Formatting

# Open Source Is Not Just a License

<http://appnel.com/code/log/2008/02/not-just-a-license>

# Current Activity

- Emerging "Still Breaking Eggs"
- Culture shift still underway
- Product Features/User Experience vs. Refactoring
- Wrapping up MT 4.2 -- performance, performance, performance (and a bit of spam)

# Getting Involved

- Please!
- Perl engineering insight needed for to complete shift and restore balance to The Force
- Join the mtos-dev mailing list
  - <http://www.sixapart.com/mailman/listinfo/mtos-dev>

# Resources

- MTOS Project Page
  - <http://www.movabletype.org/>
- Subversion Repository
  - <http://code.sixapart.com/svn/movabletype>
- MTOS Documentation
  - <http://www.movabletype.org/documentation/>
- MTOS Wiki
  - <http://wiki.movabletype.org/>

MOVABLE TYPE™.ORG

