

Perl Blogging Techniques

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Blog Basics

What is a blog?

- A blog is a web page that contains brief, discrete hunks of information called posts. These posts are arranged in reverse-chronological order (the most recent posts come first). Each post is uniquely identified by an anchor tag, and it is marked with a permanent link that can be referred to by others who wish to link to it.
(from O'Reilly's Essential Blogging)

What is a blog?

- Examples
- Boing Boing (<http://www.boingboing.net/>)
- MetaFilter (<http://www.metafilter.com/>)
- Slashdot (<http://www.slashdot.org>)
- Use.perl.org journals
- High School Diaries

I hate the word "blog."

- Not the same as a Web Server Log
- Sounds gross
- Too bad. We are stuck with it.
- Don't let the word turn you off.

What software exists
for setting up a blog?

Hosted Services

- Blogger
- LiveJournal
- TypePad
- use.perl.org
- Radio Userland
- AOL Journals (aol subscribers only)

Installed Services

- Blosxom
- Movable Type
- GreyMatter
- Slash
- Wordpress

How can I use perl with
my blog?

General Info

- APIs are based on XMLRPC.
- Some (like MT.pm) use the vendor's code directly.

Blogger's Children

- Blogger API
 - The original - very simple
- MetaWeblog API
 - Added support for titles, file uploads and lists of posts.
- Movable Type Extended API
 - Adds MT-only features.

Net::Blogger

- Interface to both Blogger API , the metaWeblog API and engine specific features
- Uses “engines” to post to specific systems

Net::Blogger

- Currently available engines
 - Blogger
 - Movable Type
 - Manila
 - Radio
 - Slash
 - Userland



See Code

MT.pm

- Module system that runs movable type.
- Overkill for posting.
- Let's you get at the internals of Movable Type.
- MT has a non-free license, so check first.

MT.pm - Examples

- MT-Plugin Manager
- Users MT for authentication.
- Can automatically download and install many plugins.
- Developed by the people behind mt-plugins.org

MOVABLE TYPE PLUGIN MANAGER

UPDATE AND INSTALL THE PLUGINS THAT RUN YOUR SITE.

MENU

- Plugin Manager Index
- Manual Registration

MOVABLE TYPE

- Log In

PLUGIN UPDATES XML

September 15, 2003
[Update Manually](#)

MORE

- Plugin Manager Info
- mt-plugins.org
- MovableType

Welcome to the Plugin Manager!

key:

- UPGRADE** -- an upgrade is available for the plugin. Click the upgrade link for a one-click upgrade.
- INSTALL** -- install this new plugin. Click the install link for a one-click install.
- ?** -- click for the extended details on the plugin and to do other activities.

Installed Plugins:

These are the plugins that are currently installed and ready for use on your server. Click any plugin name for brief details.

Available Plugins

These are the plugins are not currently installed on your server. Click any plugin name for brief details.

- ?** **INSTALL** [AWStatsReferers](#)
- ?** **INSTALL** [Acronym](#)
- ?** **INSTALL** [Again](#)
- ?** **INSTALL** [AllConsuming](#)
- ?** **INSTALL** [ArchiveAnyway](#)
- ?** **INSTALL** [ArchiveDateHeader](#)
- ?** **INSTALL** [ArchiveLoad](#)
- ?** **INSTALL** [ArchiveYear](#)
- ?** **INSTALL** [Authors](#)
- ?** **INSTALL** [BlogAuthorCount](#)

MT.pm - Examples

- MT-Digest by Michael Graham
- Generates text digests of a given blog for a given date range.
- Designed to help create files to distribute for sites blocked by foreign governments.

Generate Digest - Settings - Mozilla

http://www.multiply.org/mt/mtx-digest.cgi

Home Bookmarks weather.com -... notebook Amazon.com: ...

MT::Digest - Settings

Blog notebook

Date range

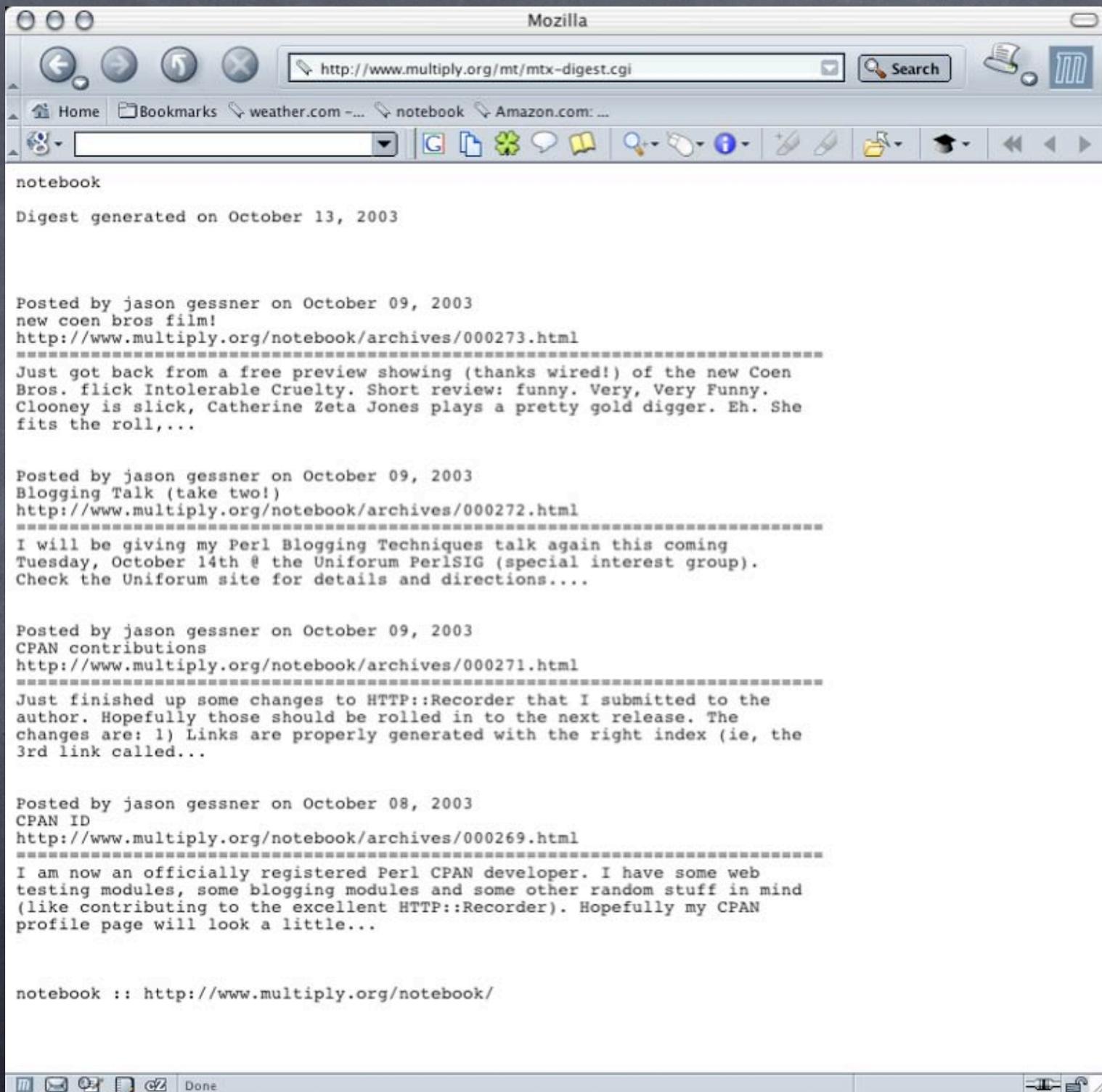
From Date 2003 - October - 1 , 20 : 29

To Date 2003 - October - 12 , 20 : 29

Digest Template

```
<${MTBlogName$}>
Digest generated on <${MTGenerationDate format="%B %d, %Y"$}>
<MTWrap><${MTBlogDescription$}></MTWrap>
<MTEntries>
Posted by <${MTEnterAuthor$}> on <${MTEnterDate format="%B %d, %Y"$}>
<${MTEnterTitle$}>
<${MTEnterLink$}>
=====
<MTWrap><${MTEnterExcerpt$}></MTWrap>
</MTEntries>
<${MTBlogName$}> :: <${MTBlogURL$}>
<MTWrap><${MTBlogDescription$}></MTWrap>
```

Done



WWW::Mechanize

- My Example Script (based on the “Hacking Movable Type” script from the WWW::Mechanize examples.
 - Illustrates the problem(s) with MT:
 - redirects and javascript
 - Allows full control over the MT posting process (at a cost).
 - YMMV



See Code

Uses for the APIs:
Alternative Interfaces

Alternative Interfaces

- Cell Phones
- Email
- Instant Messenger
- CVS Change Log Page
- Test Failures Log?

Cell Phones

- Often Called Mo Blogging (for Mobile Blogging)
- Used for text and photos
- Also for drawings!



See Code

Cell Phones - Pictures

keitai email:

PIN:

 TEST_BENCH

[/MY PIX](#) [EVENTS](#) [MATES](#)



hi

[back](#)

Cell Phones - Drawings

multiply mobile sketches // SKOG (SKetch LOG)



guy reading newspaper
next to me



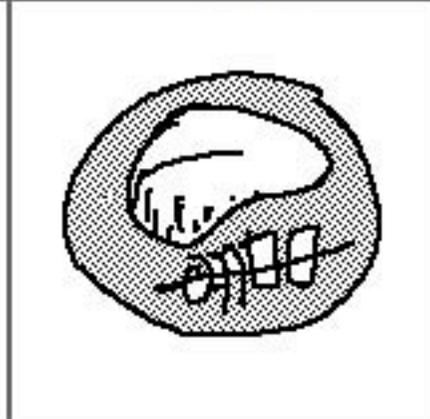
juliana puts stickers on her
legs for fun



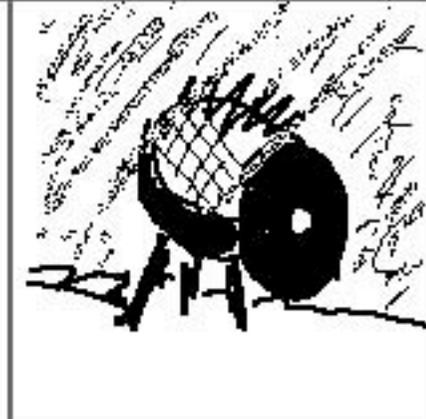
plane out the window



cigar & bourbon on the
rocks



chicken & ka bobs



bbg in the rain

Instant Messaging

- Fast, but limited
- Could be useful for a small group to post collaboratively.
- Could be simply one function of a larger bot.



See Code

multiplyBot - Instant Message [min] [max] [close]

File Edit Insert People

To: multiplyBot

A **A** **A** **A** **B** **/** **U** **link**   

[bill](#), [tracey](#) and I went to see [Matchstick Men](#) ([salon review](#), [ebert review](#)) last night. It was not great, primarily due to the ending, but it had a great performance by Nicolas Cage (who I loved in [Adaptation](#), as well). The movie reminded me of Peter Bogdonavich's [Paper Moon](#), but it had less heart. The ending assumes the audience is too dumb to realize what just happened over the last 2 hours

   **send**

multiplyBot - Instant Message [min] [max] [close]

File Edit Insert People

plural81: [bill](#), [tracey](#) and I went to see [Matchstick Men](#) ([salon review](#), [ebert review](#)) last night. It was not great, primarily due to the ending, but it had a great performance by Nicolas Cage (who I loved in [Adaptation](#), as well). The movie reminded me of Peter Bogdonavich's [Paper Moon](#), but it had less heart. The ending assumes the audience is too dumb to realize what just happened over the last 2 hours.

multiplyBot: Wow!
That was a *great* post!
Thanks!
The new post id is 211

A **A** **A** **A** **B** **/** **U** **link**   

      **send**



NOTEBOOK

a place to keep my mental garbage, a repository for ideas that should (or should not) be forgotten, a reminder to keep thinking and working. Yeah. Something like that.

LOOKING - MATCHSTICK MEN

bill, tracey and I went to see [Matchstick Men](#) ([salon review](#), [ebert review](#)) last night. It was not great, primarily due to the ending, but it had a great performance by Nicolas Cage (who I loved in [Adaptation](#), as well). The movie reminded me of Peter Bogdonavich's [Paper Moon](#), but it had less heart. The ending assumes the audience is too dumb to realize what just happened over the last 2 hours.

Posted by instant messaging jason, on September 13, 2003 at 05:49 PM | [Comments \(0\)](#) | [TrackBack \(0\)](#)

CODE - APOLOGIES AND ANNOUNCEMENTS

Thanks for tolerating a few weeks of random, incoherent posts (most of which have been deleted).

In the process of wrapping up the code for my perl blogging techniques talk, i made lots of test posts which should have simply gone to a test blog. Ha! I am not that smart. ;)

Anyway, new content to expect here soon:

- [Zelda: The Wind Waker extensive review](#)
- [Golden Sun: The Lost Age review](#)
- [Big Questions review](#)

SEARCH

Search this site:

Search

ITUNES, THEREFORE, I AM

[Sonic Youth - Trilogy](#)
[Sonic Youth - Kissability](#)
[Sonic Youth - Rain King](#)
[Sonic Youth - Candle](#)
[Sonic Youth - Providence](#)
[Sonic Youth - Hey Joni](#)
[Sonic Youth - Total Trash](#)
[Sonic Youth - Eric's Trip](#)
[Sonic Youth - Cross The Breeze](#)
[Sonic Youth - The Sprawl](#)

ARCHIVES

[September 2003](#)
[August 2003](#)
[July 2003](#)
[June 2003](#)
[May 2003](#)
[April 2003](#)
[March 2003](#)
[February 2003](#)

RECENT ENTRIES

[matchstick men](#)
[Apologies and announcements](#)

CVS ChangeBlog

- Uses the “loginfo” script in CVS to call a Net::Blogger script.
- By default, CVS gives you too much info.
- Could utilize plugins such as Blog Times to plot development habits.
- Prettier than viewCVS



See Code



September 13, 2003

[MULTIPLY-CODE CVS] PERL_BLOGGING_TECHNIQUES/IMAGES

Update of /usr/local/multiply-code/perl_blogging_techniques/images
In directory tetsuo.mengelt.com:/tmp/cvs-serv24046/images

Added Files:

AIMblogbot-Results.png AIMblogbot1.png AIMblogbot2.png
kpix_001.png kpix_002.png kpix_003.png

Log Message:

added screenshots for the examples.
The shots added were from the instant messenger bot post and some kpix screens.

Posted by command line jason at [07:10 PM](#) | [Comments \(0\)](#)

[MULTIPLY-CODE CVS] PERL_BLOGGING_TECHNIQUES/IMAGES

Update of /usr/local/multiply-code/perl_blogging_techniques/images
In directory tetsuo.mengelt.com:/tmp/cvs-serv24017/images

Log Message:

Directory /usr/local/multiply-code/perl_blogging_techniques/images added to the repository

Posted by command line jason at [07:09 PM](#) | [Comments \(0\)](#)

September 11, 2003

[MULTIPLY-CODE CVS] PERL_BLOGGING_TECHNIQUES

Update of /usr/local/multiply-code/perl_blogging_techniques
In directory tetsuo.mengelt.com:/tmp/cvs-serv5199

Added Files:

presentation.sxw

Log Message:

The presentation outline and speaking notes for the talk.

Posted by command line jason at [11:16 PM](#) | [Comments \(0\)](#)

[MULTIPLY-CODE CVS] PERL_BLOGGING_TECHNIQUES

Update of /usr/local/multiply-code/perl_blogging_techniques
In directory tetsuo.mengelt.com:/tmp/cvs-serv5154

Log Message:

Import of the current code for the Perl Blogging Techniques presentation.

Status:

Vendor Tag: multiply

Release Tags: multiply-import

N perl_blogging_techniques/code/AIM-stripHTML.pl
N perl_blogging_techniques/code/CVS-logininfo_test.pl
N perl_blogging_techniques/code/AIMblogBot.pl
N perl_blogging_techniques/code/bloggerAPI.pl

September 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Search

Search this site:

Search

Archives

September 2003

Recent Entries

[Multiply-Code CVS] perl_blogging_techniques/images
[Multiply-Code CVS] perl_blogging_techniques/images
[Multiply-Code CVS] perl_blogging_techniques
[Multiply-Code CVS] perl_blogging_techniques
[SushiBubblegum CVS] chatmonkey
Welcome to changeblog!

Links

Add Your Links Here

Syndicate this site (XML)

POWERED BY
MOVABLE TYPE 2.6.4

What APIs are out there to find out who is talking about my site?

Who's Linking?

- Trackback
 - Attributed linking
- Technorati
 - Blog Database
 - Net::Technorati?
- BlogDex
 - <http://blogdex.net/>
- Good Ol' Fashioned Goggle
 - <link:http://www.yoursitehere.com/>

How can I syndicate my
site or find out when
other people have
updated their sites?

Sharing / Syndicating

- HEAD

- check for date changes

- PING

- Used by blog aggregate services to advertise new posts

- RSS/RDF

- Many flavors.

What does the future
hold?

The Future

- Echo/ATOM API
 - REST based API supporting introspection and new posting, editing mechanisms.
- New Syndication formats?
- Beginning of the Semantic Web?
- Wiki Integration

Questions?