

Hacking Vox and Plagger

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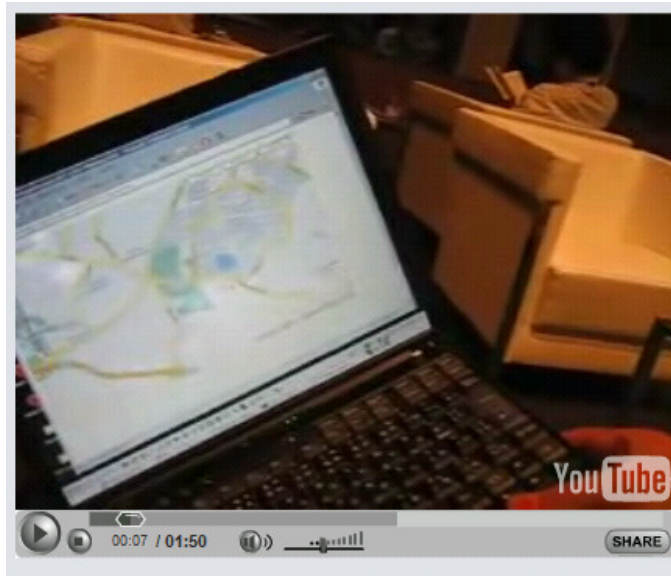
Six Apart, Ltd. / Shibuya Perl Mongers
DECON 2006, Tokyo

アジェンダ

- **私の開発環境**
- **Vox の開発環境**
- **Plagger の開発環境**
- **svk でオフラインハック**
- **おまけ Tips**

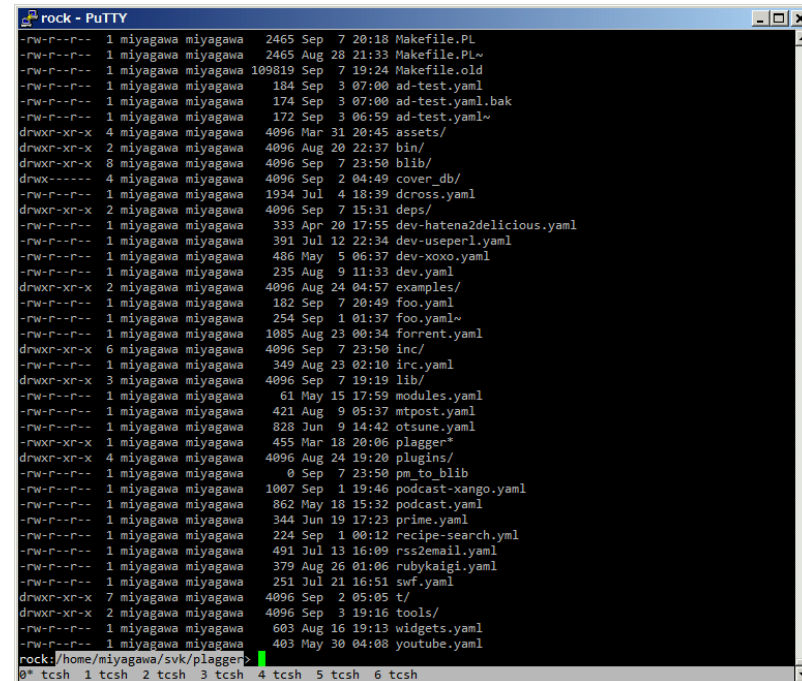
私の 開発環境

メインマシン ThinkPad X40



Debian Sarge VMWare Player + Qemu

PuTTY screen tcsh emacs21



```
rock - PuTTY
-rw-r--r-- 1 miyagawa miyagawa 2465 Sep  7 20:18 Makefile.PL
-rw-r--r-- 1 miyagawa miyagawa 2465 Aug 28 21:33 Makefile.PL~
-rw-r--r-- 1 miyagawa miyagawa 109819 Sep  7 19:24 Makefile.old
-rw-r--r-- 1 miyagawa miyagawa 184 Sep  3 07:00 ad-test.yaml
-rw-r--r-- 1 miyagawa miyagawa 174 Sep  3 07:00 ad-test.yaml.bak
-rw-r--r-- 1 miyagawa miyagawa 172 Sep  3 06:59 ad-test.yaml~
drwxr-xr-x 4 miyagawa miyagawa 4096 Mar 31 20:45 assets/
drwxr-xr-x 2 miyagawa miyagawa 4096 Aug 20 22:37 bin/
drwxr-xr-x 8 miyagawa miyagawa 4096 Sep  7 23:50 blib/
drwx----- 4 miyagawa miyagawa 4096 Sep  2 04:49 cover_db/
-rw-r--r-- 1 miyagawa miyagawa 1934 Jul  4 18:39 dcross.yaml
drwxr-xr-x 2 miyagawa miyagawa 4096 Sep  7 15:31 deps/
-rw-r--r-- 1 miyagawa miyagawa 333 Apr 20 17:55 dev-hatena2delicious.yaml
-rw-r--r-- 1 miyagawa miyagawa 391 Jul 12 22:34 dev-useperl.yaml
-rw-r--r-- 1 miyagawa miyagawa 486 May  5 06:37 dev-xoxo.yaml
-rw-r--r-- 1 miyagawa miyagawa 235 Aug  9 11:33 dev.yaml
drwxr-xr-x 2 miyagawa miyagawa 4096 Aug 24 04:57 examples/
-rw-r--r-- 1 miyagawa miyagawa 182 Sep  7 20:49 foo.yaml
-rw-r--r-- 1 miyagawa miyagawa 254 Sep  1 01:37 foo.yaml~
-rw-r--r-- 1 miyagawa miyagawa 1085 Aug 23 00:34 forrant.yaml
drwxr-xr-x 6 miyagawa miyagawa 4096 Sep  7 23:50 inc/
-rw-r--r-- 1 miyagawa miyagawa 349 Aug 23 02:10 irc.yaml
drwxr-xr-x 3 miyagawa miyagawa 4096 Sep  7 19:19 lib/
-rw-r--r-- 1 miyagawa miyagawa  61 May 15 17:59 modules.yaml
-rw-r--r-- 1 miyagawa miyagawa 421 Aug  9 05:37 mtpost.yaml
-rw-r--r-- 1 miyagawa miyagawa 828 Jun  9 14:42 otsune.yaml
-rw-r--r-- 1 miyagawa miyagawa 455 Mar 18 20:06 plagger*
drwxr-xr-x 4 miyagawa miyagawa 4096 Aug 24 19:20 plugins/
-rw-r--r-- 1 miyagawa miyagawa  0 Sep  7 23:50 pm_to_blib
-rw-r--r-- 1 miyagawa miyagawa 1007 Sep  1 19:46 podcast-xango.yaml
-rw-r--r-- 1 miyagawa miyagawa 862 May 18 15:32 podcast.yaml
-rw-r--r-- 1 miyagawa miyagawa 344 Jun 19 17:23 prime.yaml
-rw-r--r-- 1 miyagawa miyagawa 224 Sep  1 00:12 recipe-search.yaml
-rw-r--r-- 1 miyagawa miyagawa 491 Jul 13 16:09 rss2email.yaml
-rw-r--r-- 1 miyagawa miyagawa 379 Aug 26 01:06 rubykaigi.yaml
-rw-r--r-- 1 miyagawa miyagawa 251 Jul 21 16:51 swf.yaml
drwxr-xr-x 7 miyagawa miyagawa 4096 Sep  2 05:05 t/
drwxr-xr-x 2 miyagawa miyagawa 4096 Sep  3 19:16 tools/
-rw-r--r-- 1 miyagawa miyagawa 603 Aug 16 19:13 widgets.yaml
-rw-r--r-- 1 miyagawa miyagawa 403 May 30 04:08 youtube.yaml
rock:/home/miyagawa/svk/plagger
0* tcsh 1 tcsh 2 tcsh 3 tcsh 4 tcsh 5 tcsh 6 tcsh
```

おすすめフォント

Consolas

```
#!/usr/bin/perl  
use strict;  
use warnings;  
  
print "Hello World";
```

screen の切り替え Ctrl-t

csH

```
> ls ~/.tcshrc*  
/home/miyagawa/.tcshrc@  
/home/miyagawa/.tcshrc.alias@  
/home/miyagawa/.tcshrc.bindkey@  
/home/miyagawa/.tcshrc.complete@  
/home/miyagawa/.tcshrc.set@
```



開発環境

Vox 開発チーム

バックエンド

フロントエンド (JS)

フロントエンド
(HTML/TT/ SS)

その他いろいろ

バックエンドチーム



**Da abase
Web APIs
a alys App**

Xen en OS

```
> uname -a  
Linux miyagawa 2.6.12.6-xenU #1 SMP Fri Apr 7 12:46:13 PDT  
2006 x86_64 x86_64 x86_64 GNU/Linux
```

マシン名

{use name}.dev

```
# via VPN  
> ssh -l comet miyagawa.dev
```

アプリケーション

*.vox.com.miyagawa.dev

```
> cat /etc/resolv.conf  
search sixapart.com
```

アプリインフラ

pm + man le

```
[root@mantle]# ls
6arpmbuild  RPMS      SPECS  build.log
BUILD      SOURCES  SRPMS
[root@mantle]# ls SPECS
Data-YUID.spec      aspell-fr.spec    ffmpeg.spec        mogstored.spec
IO-AIO.spec         aspell-nl.spec    flvtool2.spec     perlbai.spec
TheSchwartz.spec   aspell-no.spec    libevent-1.0-rf.spec  pspell012.spec
aspell-da.spec     aspell-pt.spec    mantle.spec        rblDNSd.spec
aspell-de.spec     aspell-sv.spec    memcached.spec    spread.spec
aspell-en.spec     aspell.spec       mogilefs.spec     squid.spec
aspell-es.spec     cvs.spec          mogilefsd.spec
```


から 利用

- > `svn co http://svn.sixapart.com/repos/...`
- > `sudo yum update mantle2`
- > `sudo yum install perlbal`

以上



Plagger

開発

オープンソース 開発モデル

平日の昼間: Vox

平日の夜: Plagger

平日の昼間: Plagger

平日の夜: Vox

(忙しいとき)

```
15:04 (miyagawa) http://use.perl.org/~miyagawa/journal/30923
15:04 (miyagawa) これははまる
15:17 *Tennetiss quit ("Leaving..")
15:18 *akihito join #plagger-ja@freenode-jp (n=akihito@bizen.aleph.co.jp)
15:20 (miyagawa) EFTのcaptureは
15:20 (miyagawa) captured regexつかうほうがきれいだけどなー
15:21 (miyagawa) http://search.cpan.org/~jjore/Regexp-NamedCaptures-0.04/lib/Regexp/NamedCaptures.pm
15:21 (miyagawa) Rubyとは書式が違うかも
15:35 (otsune) ほー
15:36 (otsune) (?<¥$body>.*?)
15:36 (otsune) とか書く訳か
15:38 (otsune) (?<¥$date>¥d{4}年¥d{,2}月¥d{,2}日 ¥d{,2}時¥d{,2}分)
15:38 (Yappo) 大分昔も Regexp::NamedCaptures が話題になって
15:39 (Yappo) なんかイケテないで話おわった希ガス
15:39 (boofy) highly experimental とか書いてあるし。。。
15:39 (miyagawa) うむ
17:22 <tiarra> *shadownaste quit (Read error: 104 (Connection reset by peer))
```



logged in as miyagawa | [Logout](#) | [Settings](#) | [Help/G](#)

- Wiki
- Timeline
- Roadmap
- Browse Source
- View Tickets**
- New Ticket
- Search

Custom Query (162 matches)

Filters

Status new assigned reopened closed

[Add filter](#)

Group results by descending Show full description under each result

Ticket	Summary	Status	Owner	Type	Priority ▲	Milestones
11	Installer ala Kwiki	new	miyagawa	feature	major	--
12	Sort entries in publish	new	miyagawa	feature	major	
16	better feed ID / publish ID management	new	miyagawa	feature	major	Rele
19	Logging framework (or plugin)	new	miyagawa	feature	major	

暇な に
気が向 たらりりー

テ トドリブ

```
/home/miyagawa/svk/plagger> find t -name ¥*.t | wc -l  
153
```


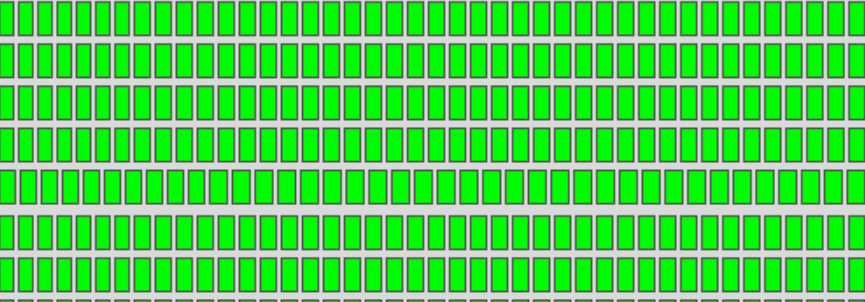

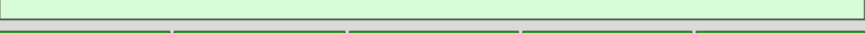
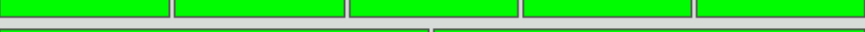

t/c : コア 能
t/plu ins: ラグイ
t/ ssi n: 回帰

Tests リブドテスト

T st::Chimps
chimps-sm k .pl

TAP Matrix - Fri Sep 8 05:53:21 2006 GMT

archname: i386-freebsd-thread-multi
committer: miyagawa
duration: 451
osname: freebsd
osvers: 4.10-release-p3
project: Plagger
revision: 1674

Test file		Test cases	
t/00_compile.t	OK		100
t/98-pod.t	OK		100
t/99-perlcritic.t	OK		100
t/99-pod-coverage.t	SKIPPED		100
t/core/assets_path.t	OK		100
t/core/cache.t	OK		100

<http://plagger.org/chimps-server>

タ ク 自動化

chimps-smoker
release.pl
plugin-start.pl

DRY

Test::Base
deps/*.yaml

以上



svk

So Many Flights

1/7-11: Taiwan

1/13-3/8: San Francisco

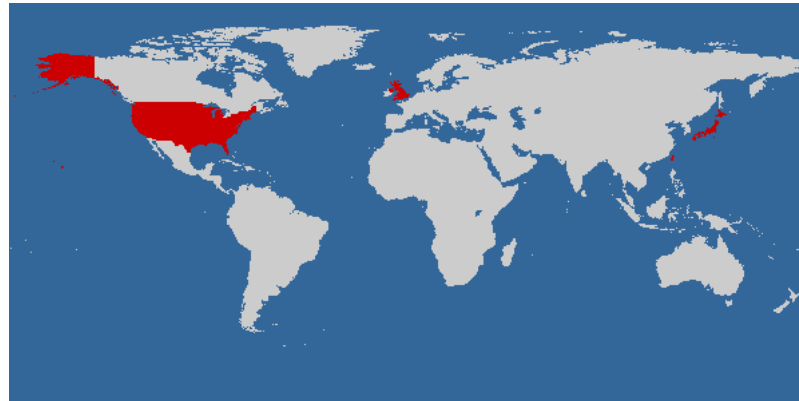
4/27-5/1: Taiwan

6/25-7/6: Chicago, Boston, New York

7/22-28: San Francisco, Portland

8/5-8: Miyako, Okinawa

8/28-9/6: London, Birmingham



Hack on the flight!



Offline commits

```
> svk cp //mirror/plagger/trunk //local/plagger-trunk
> cd ~/svk/plagger-trunk
> svk switch //local/plagger-trunk
...
> svk commit
> svk commit
...
> svk push
```

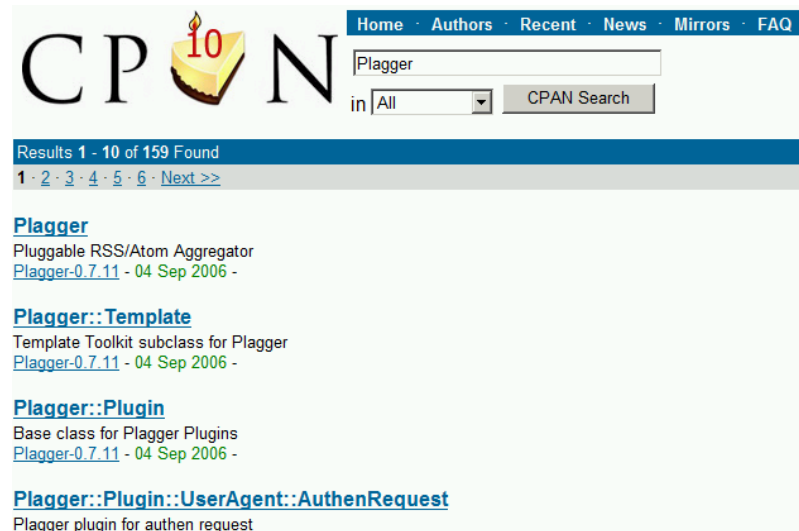
Merging is dead easy

- > `cd ~/svk/plagger/branches/foo`
- > `svk smerge //mirror/plagger/trunk/plagger`
- > `svk commit`

CPAN::Mini

```
> minicpan -r http://www.perl.com/CPAN/ -l ~/minicpan
```

Idea: Search CPAN for minicpan mirror



The screenshot shows the CPAN search interface. At the top, the CPAN logo features a slice of pie with the number '10' on it. To the right of the logo is a navigation menu with links for Home, Authors, Recent, News, Mirrors, and FAQ. Below the logo is a search input field containing the text 'Plagger', a dropdown menu set to 'All', and a 'CPAN Search' button. A blue bar below the search field indicates 'Results 1 - 10 of 159 Found', with a pagination link '1 · 2 · 3 · 4 · 5 · 6 · Next >>'. The search results are listed as follows:

- [Plagger](#)**
Pluggable RSS/Atom Aggregator
[Plagger-0.7.11](#) - 04 Sep 2006 -
- [Plagger::Template](#)**
Template Toolkit subclass for Plagger
[Plagger-0.7.11](#) - 04 Sep 2006 -
- [Plagger::Plugin](#)**
Base class for Plagger Plugins
[Plagger-0.7.11](#) - 04 Sep 2006 -
- [Plagger::Plugin::UserAgent::AuthenRequest](#)**
Plagger plugin for authen request

I : Wiki i

and statistical use, most mirror sites won't want or need this.

[pages-meta-history.xml.bz2](#) 45.9 GB

2006-08-17 11:18:18 **done** All pages, current versions only.

2006-08-17 11:18:18: enwiki 5322827 pages (471.276/sec), 5322827 revs (471.276/sec), 90
ETA 2006-08-17 12:00:29 [max 6515928]

Discussion and user pages are included in this complete archive. Most mirrors won't want this ex

[pages-meta-current.xml.bz2](#) 2.6 GB

2006-08-17 08:07:49 **done** **Articles, templates, image descriptions, and primary meta-pages**

2006-08-17 08:07:49: enwiki 3583699 pages (600.737/sec), 3583699 revs (600.737/sec), 91
ETA 2006-08-17 09:29:08 [max 6514937]

This contains current versions of article content, and is the archive most mirror sites will proba

[pages-articles.xml.bz2](#) 1.6 GB

2006-08-17 08:07:49 **done** Creating split stub dump

以上

おまけ Tip

k

```
~
~
rock:/home/miyagawa/svk/plagger> ack foo
t/TestPlagger.pm
298: $foo
299: $foo::bar
303: \$foo
307: ${foo}
309: Meaning you can't use $foo like so:
311: BAR$fooHELLO
318: # interpret in $foo::bar to their values in the string
319: # (but not \$foo::bar)
338: # replace $foo values with their actual values

examples/bloglines2gmail.yaml
18: password: foobar

rock:/home/miyagawa/svk/plagger>
```

```
> perl -MClass::Autouse=:superloader -de 1  
DB<1> $cgi = CGI->new
```

li

```
cm    ./configure && make
dc    cd
e     emacs -nw
l     less
maek  make
h     history
j     jobs
pmf   perl Makefile.PL
mkt   make test
rm    mv !* ~/.Recycled
sl    ls
sx    screen -x
x     exit
```

**ありがとう
ございました
ご質問？**