CPAN! CPAN! CPAN!

JEEN

PAUSE ID : JEEN
BLOG : http://jeen.tistory.com

Comprehensive Perl Archive Network

~~$ perl -MCPAN -e shell~~

$ cpan
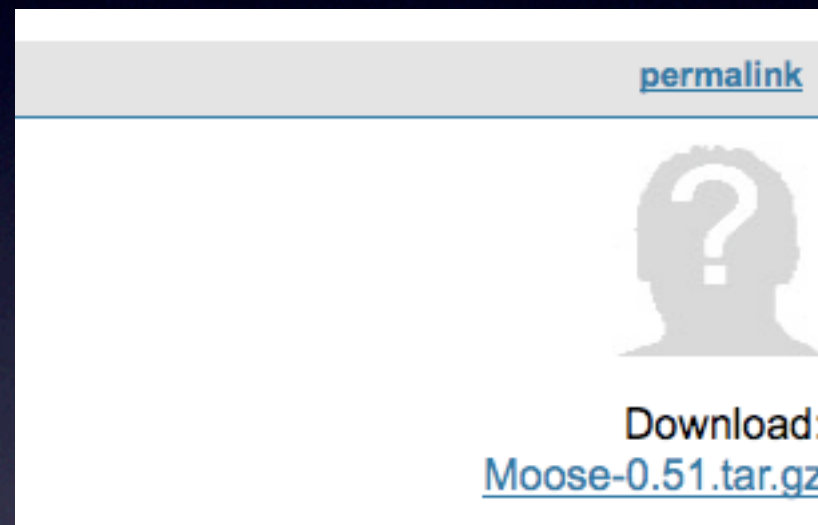
CPAN 간단 사용법

http://www.perlmania.or.kr/pmdocs/lcg/cpan_module.html

Hardcore && 혹시나 누군가 쓰고 있을 지 모르는 CPAN Install 방법

Moose-0.51.tar.gz 파일 다운로드;;

```
$ tar zxvf Moose-0.5.1.tar.gz
.
.
$ cd Moose-0.5.1
$ perl Makefile.PL
$ make
$ make test
$ sudo make install
.
.
```

just CPAN it.
(cpan이 있다면...)

Q: 호스팅 서버에서도 CPAN 모듈을
맘껏 인스톨 하고 싶어요~

A : 하세요. root 권한얻어서..

.... 는 훼이크고...

http://www.perlmania.or.kr:9000/trac/wiki/
InstallModulesWebhosting

김현승님++

Perl Module의 바람직한 사용법

http://pwbmini.tistory.com/entry/%EC%B5%9C%EB%8C%80-%EC%B5%9C%EC%86%8C%EA%B0%92-%EC%B0%BE%EA%B8%B0

CPAN 모듈을 만들자!

perldoc perlnewmod

잠깐.. 근데 뭘 만들지?

http://www.openonweb.com/api?page=1

국내 유수의 API들중에 Perl 은 껴주지 않...

그래서 시작한 오픈API Perl Module화 계획!

1탄 . WebService::Aladdin

(사실 제일 만만해보임)

먼저 뼈대 만들기

module-starter
(Module::Starter)

pmsetup
(http://bulknews.net/lib/utils/pmsetup/)

h2xs

pmsetup WebService::Aladdin

module-starter WebService::Aladdin

h2xs -AX -n WebService::Aladdin
(non-recommended)

```
[leejj@localhost ~]$ pmsetup WebService::Aladdin
mkdir lib
mkdir lib/WebService
mkdir t
Writing Makefile for WebService::Aladdin
cp lib/WebService/Aladdin.pm blib/lib/WebService/Aladdin.pm
PERL_DL_NONLAZY=1 /usr/local/bin/perl "-MExtUtils::Command::MM" "-e" "test_harness(0, 'blib/lib', 'blib/arch')" t/*.t
t/00_compile....ok
All tests successful.
Files=1, Tests=1,  0 wallclock secs ( 0.03 cusr +  0.00 csys =  0.03 CPU)
/usr/local/bin/perl "-MExtUtils::Manifest=mkmanifest" -e mkmanifest
Added to MANIFEST: Changes
Added to MANIFEST: lib/WebService/Aladdin.pm
Added to MANIFEST: Makefile.PL
Added to MANIFEST: MANIFEST
Added to MANIFEST: t/00_compile.t
rm -f \
    *.a core \
    core.[0-9] blib/arch/auto/WebService/Aladdin/extralibs.all \
        core.[0-9][0-9] Aladdin.bso \
        pm_to_blib core.[0-9][0-9][0-9][0-9] \
        Aladdin.x \
        perl tmon.out \
        *.o pm_to_blib \
        blib/arch/auto/WebService/Aladdin/extralibs.ld blibdirs.ts \
        core.[0-9][0-9][0-9][0-9][0-9] *perl.core \
        core.*perl.*.? Makefile.aperl \
        perl Aladdin.def \
        core.[0-9][0-9][0-9] mon.out \
        libAladdin.def perlmain.c \
        perl.exe so_locations \
        Aladdin.exp \
rm -rf \
        blib
mv Makefile Makefile.old > /dev/null 2>&1
rm -f \
        Makefile.old Makefile
rm -rf \
        WebService-Aladdin-0.01
/usr/local/bin/perl "-MExtUtils::Manifest=fullcheck" -e fullcheck
```

```
.
./MANIFEST
./lib
./lib/WebService
./lib/WebService/Aladdin.pm
./MANIFEST.SKIP
./t
./t/00_compile.t
./Makefile.PL
./Changes
```

여기까지 뼈대 생성

살점 붙이기

- 대부분의 Web Service API 라는 것은 HTTP Parameter 를 날리고..

- XML 이나 RSS 나 JSON 으로 결과를 받아서...

- 그 결과를 적당히 해석해서 보여주는 것

- LWP::UserAgent, URI

```perl
use LWP::UsereAgent;
use URI;

my $ua = LWP::UserAgent->new;
my $uri = URI->new("http://www.aladdin.co.kr/ttb/api/
search.aspx");
$uri->query_form( blah => "blah", blah1 => "blahblah");

my $res = $ua->get($uri);
$res;
```

이처럼 간단하게 API 를 사용할 수 있..

```
.
./MANIFEST
./lib
./lib/WebService
./lib/WebService/Aladdin.pm
./lib/WebService/Aladdin
./lib/WebService/Aladdin/Item
./lib/WebService/Aladdin/Item/Book.pm
./lib/WebService/Aladdin/Item/DVD.pm
./lib/WebService/Aladdin/Item/Music.pm
./lib/WebService/Aladdin/Parser.pm
./lib/WebService/Aladdin/Items.pm
./lib/WebService/Aladdin/Item.pm
./t
./t/01_method_search.t
./t/02_method_product.t
./t/00_compile.t
./Makefile.PL
./META.yml
./Changes
```

거기에 살점 더 붙이고...
테스트코드 좀 써주고,
POD 좀 써주면 끝

아! MANIFEST

Changes
lib/WebService/Aladdin.pm
lib/WebService/Aladdin/Parser.pm
lib/WebService/Aladdin/Item.pm
lib/WebService/Aladdin/Items.pm
lib/WebService/Aladdin/Item/Book.pm
lib/WebService/Aladdin/Item/Music.pm
lib/WebService/Aladdin/Item/DVD.pm
Makefile.PL
MANIFEST
t/00_compile.t
t/01_method_search.t
t/02_method_product.t
META.yml

배포본에 들어갈 파일을 지정

```
[leejj@localhost WebService-Aladdin-0.06]$ make dist
rm -rf WebService-Aladdin-0.06
/usr/local/bin/perl "-MExtUtils::Manifest=manicopy,maniread" \
            -e "manicopy(maniread(),'WebService-Aladdin-0.06', 'best');"
mkdir WebService-Aladdin-0.06
mkdir WebService-Aladdin-0.06/t
mkdir WebService-Aladdin-0.06/lib
mkdir WebService-Aladdin-0.06/lib/WebService
mkdir WebService-Aladdin-0.06/lib/WebService/Aladdin
mkdir WebService-Aladdin-0.06/lib/WebService/Aladdin/Item
Generating META.yml
tar cvf WebService-Aladdin-0.06.tar WebService-Aladdin-0.06
WebService-Aladdin-0.06/
WebService-Aladdin-0.06/MANIFEST
WebService-Aladdin-0.06/lib/
WebService-Aladdin-0.06/lib/WebService/
WebService-Aladdin-0.06/lib/WebService/Aladdin.pm
WebService-Aladdin-0.06/lib/WebService/Aladdin/
WebService-Aladdin-0.06/lib/WebService/Aladdin/Item/
WebService-Aladdin-0.06/lib/WebService/Aladdin/Item/Book.pm
WebService-Aladdin-0.06/lib/WebService/Aladdin/Item/DVD.pm
WebService-Aladdin-0.06/lib/WebService/Aladdin/Item/Music.pm
WebService-Aladdin-0.06/lib/WebService/Aladdin/Parser.pm
WebService-Aladdin-0.06/lib/WebService/Aladdin/Items.pm
WebService-Aladdin-0.06/lib/WebService/Aladdin/Item.pm
WebService-Aladdin-0.06/t/
WebService-Aladdin-0.06/t/01_method_search.t
WebService-Aladdin-0.06/t/02_method_product.t
WebService-Aladdin-0.06/t/00_compile.t
WebService-Aladdin-0.06/Makefile.PL
WebService-Aladdin-0.06/META.yml
WebService-Aladdin-0.06/Changes
rm -rf WebService-Aladdin-0.06
gzip --best WebService-Aladdin-0.06.tar
```

다 만들었으면 make dist

WebService-Aladdin-$VERSION.tar.gz

배포본 완성!

그럼 이렇게 만들어진 모듈은 어디로?

PAUSE
(The Perl Authors Upload SEver)

https://pause.perl.org/pause/

Request PAUSE account

↓

PAUSE ID 받고...

↓

Login

↓

Upload a file to CPAN

↓

끗

이렇게 해서 CPAN Module 등록!

빼먹은 거…

POD
(Plain Old Document)

perldoc perlpod

Test Code

그 외에는
(?:a3r0|yuni|saillinux_cheeru|keedi)
님께서 알고 계실 겁니다.

그 밖의 잡다한 이야기...

한국의 Perl Author <= 5?

일본의 Perl Author >= 100

http://d.hatena.ne.jp/charsbar/20080522/1211428790

모두 분발해서 CPAN Author 가 됩시다!

그러면!!!

keedi 님 회사맹글 때...
0순위 채용!!
+_+

Jesse Vincent 曰
"나는 Perl Author 가 좋더라~"
(from saillinux_cheeru)

$saillinux =~ s/_cheeru//;

THE &