

CPAN! CPAN! CPAN!

JEEN

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



Comprehensive Perl Archive Network

~~\$ perl -MCPAN -e shell~~

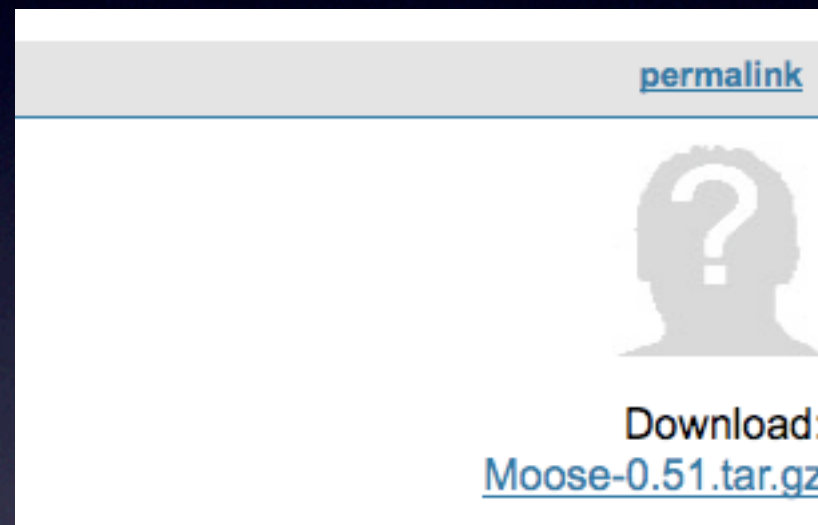
\$ cpan

CPAN 간단 사용법

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

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

<http://search.cpan.org/perl/doc?Moose>



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.
(cpan0이 있다면...)

Q: 호스팅 서버에서도 CPAN 모듈을
맘껏 인스톨 하고 싶어요~

A : 하세요. root 권한얻어서..

...는 웨이크고...

[http://www.perlmania.or.kr:9000/trac/wiki/
InstallModulesWebhosting](http://www.perlmania.or.kr:9000/trac/wiki/InstallModulesWebhosting)

김현승님++

Perl Module의 바람직한 사용법

최대 최소값 찾기

PERL 2008/06/24 06:04

못찾겠으면 만들어 쓰면 된다라는 평상시 프로그래밍 철학이있는데, 못찾겠으면 더 찾아봐로 바꾸어야겠다.

지금까지 이런식으로 사용을 했는데

```
my @foo = qw/ 12 91 1 -88 4 7 25 305 10 9934 6553 -35 0 10 /;  
@foo = sort { $a <=> $b } @foo;  
print "Min: $foo[0]\n";
```

```
@foo = reverse sort { $a <=> $b } @foo;  
print "Max: $foo[0]\n";
```

이런 멋있는게 있었을줄이야, 미처 진짜...

```
use List::Util qw/ min max /;  
  
my @foo = qw/ 12 91 1 -88 4 7 25 305 10 9934 6553 -35 0 10 /;  
print "Min: ", min(@foo), "\n";  
print "Max: ", max(@foo), "\n";
```

<http://pwbbmini.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 꺼주지 않...

그래서 시작한 오픈API Perl Module화 계획!

I 탄 . 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 librice;
mkdiolib/WebServiceues %{ $self->item->{items} } } {
mkdir t $price += ( Ts::Number::Price->new( $row->{price} )->option_price($option) * $row->{suryo} );
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, 10 wallclock secs ( 0.03 cusr + 0.00 csys = 0.03 CPU)
/usr/local/bin/perl "-MExtUtils::Manifest=mkmanifest" -e mkmanifest
Added to MANIFEST: ChangeSketch;
Added to MANIFEST: lib/WebService/Aladdin.pm
Added to MANIFEST: Makefile.PL
Added to MANIFEST: MANIFEST.tributes->{nec_item};
Added to MANIFEST: t/00_compile.t
rm -f \
    $self->{decor0\610'};
    $self->core.[0-9] blib/arch/auto/WebService/Aladdin/extralibs.all \
        core.[0-9][0-9] Aladdin.bso \
        {
            pm_to_blib.ts core.[0-9][0-9][0-9][0-9] \
            myAladdin.x"
<table border="1">
<tr>
<td> perl0mon.out\#000000" cellspacing=0 cellpadding=0><tr><td>
<table border="1">
<tr><td> blib/arch/auto/WebService/Aladdin/extralibs.ldfblibdirs.ts\<td bgcolor="#ffffff">数量</td></tr>';
        core.[0-9][0-9][0-9][0-9][0-9] *perl.core \
        fcore.*perl.*?tMakefile.aperl->{items} } } {
        perl Aladdin!def->{items}->{$key};
        core.[0-9][0-9][0-9]mon:out->new( $row->{srp} );
        libAladdin.def perlmain.c \
<td bgcolor=perl.exe{so_locations}<name}</td>
<td bgcolor=Aladdin.exp> . $row->{goods_name} . '</td>
rm -rf \lor="#ffffff">' . $row->{suryo} . '</td>
</tr>';
    blib
mv Makefile Makefile.old > /dev/null 2>&1
rm -f \ $self->goods_name_html("$html</table></td></tr></table>");
    } Makefile.old Makefile
rm -rf \
    $self-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


```
use LWP::UserAgent;  
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
./lib/Ts/Nile/
./t/01_method_search.t
./t/02_method_product.t
./t/00_compile.t
[ZMakefile.PL_taps_necbto]$
[ZMETA.yml au_taps_necbto]$
[ZChanges au_taps_necbto]$

```

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 -j -b 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



끝

Jong-jin Lee

CPAN Directory	JEEN [Archive]
Email	jeen@perl.kr
Homepage	http://jeen.tistory.com
CPAN Testers	[Module test results] [CPAN Testers Author Matrix]

Releases

Distribution ▼

Lingua-KO-TypoCorrector-0.01	Typo Corrector for Korean language in using English	[Download] [Browse]
WebService-Aladdin-0.06	Aladdin WebService API Module	[Download] [Browse]

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 회사망글 때...

0순위 채용!!

+ _ +

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


```
$saillinux =~ s/_cheeru//;
```


THE &