Modern Perl

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Summary and Summary Alext Steps



One Liner

```
perl -MModern::Perl -ne 'my @hi = ("Hi", $_);
say @hi'
```

John Hello John

Simple Object

```
package HelloName;
use Moose;
has name => (is=> "ro", required=>1);
sub hello {
   my (\$self) = @_{;}
   "Hello ".$self->name;
```

Simple Test Case

```
use HelloName;
use Test::Most;
my $obj = HelloName->new(name=>'John');
is $obj->name, 'John';
is $obj->hello, 'Hello John!';
done_testing;
```

Using Your Object

```
#!/usr/bin/env perl
use Modern::Perl;
use HelloName;
```

```
my $obj = HelloName->new(name=> shift); say $obj->hello;
```

Simple Website

```
use HelloName;
my $obj = HelloName->new( name =>
 $ENV{HelloName_name});
sub {
 return
  200, ["Content-Type" => "text/plain"],
  [ $obj->hello ],
 ];
```

Things to Remember

Some Programmer Rule and Style Guidelines

Maintainable Perl

Follow Community Standards

Do the most simple thing that doesn't suck

Avoid excessive Perl Golf

Avoid deprecated idioms

Community Standards

Use the CPAN toolchain

Use CPAN!

Class, Method and Attribute Naming Conventions

Moose, Test::Most, Plack (and look at Task::Kensho)

Don't Suck

```
use HelloName;
my $obj = HelloName->new( name =>
 $ENV{HelloName name});
sub {
 return [
  200, ["Content-Type" => "text/plain"],
  [$obj->hello],
];
```

Golfing

Deprecated Idioms

open (FH, "< file.txt") || die \$@;

New Hot-ness

```
use autodie;
open(my $fh, '<', 'file.txt');
```

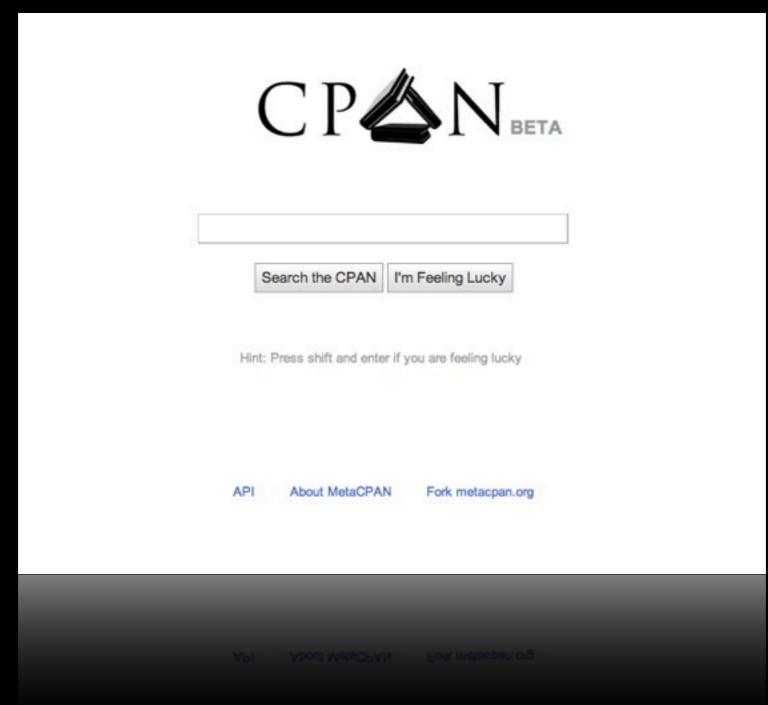
```
use Path::Class::File;
my $file = Path::Class::File->new(@dirs, $file);
```

How to Learn More

Places to go and check out!

Books

http://learn.perl.org/books/



http://metacpan.org/

The Web

http://learn.perl.org/

http://blogs.perl.org/

https://metacpan.org/recent

http://szabgab.com/perl_tutorial.html

The Web (part 2)

http://www.udemy.com/beginner-perl-maven/

http://www.udemy.com/advanced-perl-maven/

IRC

irc://irc.perl.org

My Favorite Channels

```
#moose
  #catalyst
 #dbix-class
   #plack
#web-simple
#formhandler
```

Our Code + Lessons

https://github.com/jjn1056/ GeneralAssembly-Guestbook

"Perl was always designed to be an Evolving Language"

- Larry Wall, Original Perl Language Designer

