Evolving Software with Moose
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Perl + Planet
Web Feed Aggregation
Input: Lots of web feeds
Output: Web page + web feed
From: twitter

From: twitter

Today's roasts beef, lamb, pork or ostrich all served with homemade yorkies roast potatoes and veg #pubsundaylunch #balham
From: twitter

Thanks to everyone that came out in the rain to see us perform with @londengospel in #Balham yesterday.
Mark Lazarowicz: Are we about to ‘double-dip’?:

I see Ken Clarke appears to be warning this morning about the dangers of a ‘double-dip’ recession, so we now have even senior Tories warning of the danger. I think he’s right to be worried - it’s something Labour has been warning about since before the election - and the Lib Dems before they got sucked into power (or at least a bit of it). You can see the signs of what is happening on the ground - feedback from surgeries, friends, and just chatting on the bus. Ireland’s fate is a stark warning for where the Coalition government could be taking us - and because we’re a bigger economy, a ‘double dip’ here would have knock-on effects throughout Europe.

We’ll know the worst when the Lib Dem/Cons announce their cuts on 20 October. I am really worried about the effect these are going to have on the fabric of our society. Moreover, I suspect the message that will come out will be so damaging to business confidence that the negative effects on the economy will magnify the effect of the cuts themselves. Labour’s got to put our alternative strongly, as well - but I hope the public will let the Lib Dems/Cons know what they think about what we are promised to be savage cuts, and force them to change direction - not just for this country, but at European level as well. Ken Clarke has spoken out - what about some top Lib Dems? Surely people like Vince Cable, Myners Campbell, and Simon Hughes believe what is happening is right?

UPDATE. I see some of the news this morning suggests people like Cable and Hughes are expressing concerns - if they are, I hope it has an effect!

Steve Baker: David Cameron: My radical plan for Britain’s armed forces; Telegraph:
Embroidered Geek Shirt

mindboggl posted a photo:

These are embroidered geek shirts I made for my niece River's first birthday. She grew out of the Joss Whedon onesies I made her last year.

This one is Dr. Who themed. I love this episode of the gang mask kids that go around saying "Are you my mummy?"

Published by mindboggl on Sat 02 Oct 23:02:50

elgoo

Practica posted a photo:

Published by practica on Fri 01 Oct 12:53:42
Scratching an itch
Wrote it for me
CPAN
github
A few bug fixes
A few enhancements
Perl Ironman
Using Plagger
Wanted to use Perlanet
Didn't scale well
YAML config
NWE.pm
Hackday
Enter the Moose
Slash and burn
More easily subclassable
Monolithic vs Overridable
HTML::Scrubber
# deep in the 'run' subroutine
my %scrub_rules = (
    # stuff
);

my %scrub_def = (
    # more stuff
);

my $scrub = HTML::Scrubber->new;
$scrub->rules(%scrub_rules);
$scrub->default(1, \%scrub_def);
Overriding this is hard
has 'scrubber' => (
    is => 'rw',
    lazy_build => 1
);

sub _build_scrubber {
    my $self = shift;

    # all that previous stuff

    return $scrub;
}
Overriding this is easy
Repeat half a dozen times
YAML config
YAML config
DB config
Better scaling
Phase 1 complete
Almost
Need better tests
Release early
Release often
Phase 2
Traits
Moose has traits and roles
Difference is subtle
Implementation looks similar
I didn't know the difference
Role is like an interface
Defines methods that class MUST implement
package ARole;

use Moose::Role;

requires 'do_stuff';

1;
package AClass;

use Moose;

with 'ARole';

has name =&gt; (  
  is =&gt; 'rw',  
  isa =&gt; 'Str',
);

1;
#!/usr/bin/perl

use strict;
use warnings;
use AClass;

my $obj = Aclass->new({
    name => 'davorg',
});
$ ./role_demo

'ARole' requires the method 'do_stuff' to be implemented by 'AClass'

... other scary stuff ...
Need to implement method
package AClass;

use Moose;

with 'ARole';

has name => (
    is => 'rw',
    isa => 'Str',
);

sub do_stuff {
    my $self = shift;

    print $self->name, " does stuff\n";
}

1;
Roles impose an interface
(We don't use those in Perlanet)
Traits add functionality
Like a mixin
Remember HTML::Scrubber?
package Perlanet::Trait::Scrubber;

use Moose::Role; # yes really – hold that thought

use HTML::Scrubber;

has scrubber => (
    is => 'rw',
    lazy_build => 1,
);

sub _build_scrubber {
    # all that stuff from before

    return $scrub;
}

package Perlanet::Trait::Scrubber;

use Moose::Role; # yes really – hold that thought

use HTML::Scrubber;

has scrubber => (
    is => 'rw',
    lazy_build => 1,
);

sub _build_scrubber {
    # all that stuff from before

    return $scrub;
}

around 'clean_html' => sub {
    my $orig = shift;
    my ($self, $html) = @_;  
    $html = $self->orig($html);
    $self->scrubber->scrub($html);
    return $html;
}

1;
Perlanet.pm has `clean_html` method
But it does nothing until traits are added
Perlanet is now a hollow shell of a module.
All the fun stuff is in traits
Perlanet::Simple
package Perlanet::Simple;

use Moose;

extends 'Perlanet';
with qw(
    Perlanet::Trait::Cache
    Perlanet::Trait::OPML
    Perlanet::Trait::Scrubber
    Perlanet::Trait::Tidy
    Perlanet::Trait::YAMLConfig
    Perlanet::Trait::TemplateToolkit
    Perlanet::Trait::FeedFile
);
Moose::Role
Used in both roles and traits
This is Perl
Difference is not clear-cut
Roles and traits are the same thing
Depends where the code is
All based on Moose::Role
Perlanet now trait-based
Easy to add functionality
Perlanet trait ecosystem
And I learned about Moose roles and traits
(And now, so have you)
http://search.cpan.org/dist/Perlanet
http://theplanetarium.org/
http://perlanet.magsol.com/

http://moose.perl.org/