CGI::EX::App

The anti-framework web framework

James Lance
jalance@bluehost.com
james@thelances.net

Thanks to Bluehost.com

What this Presentation Isn't

- Not trying to convince you to change
- Best framework is the one you are using
- Not going to compare to other frameworks



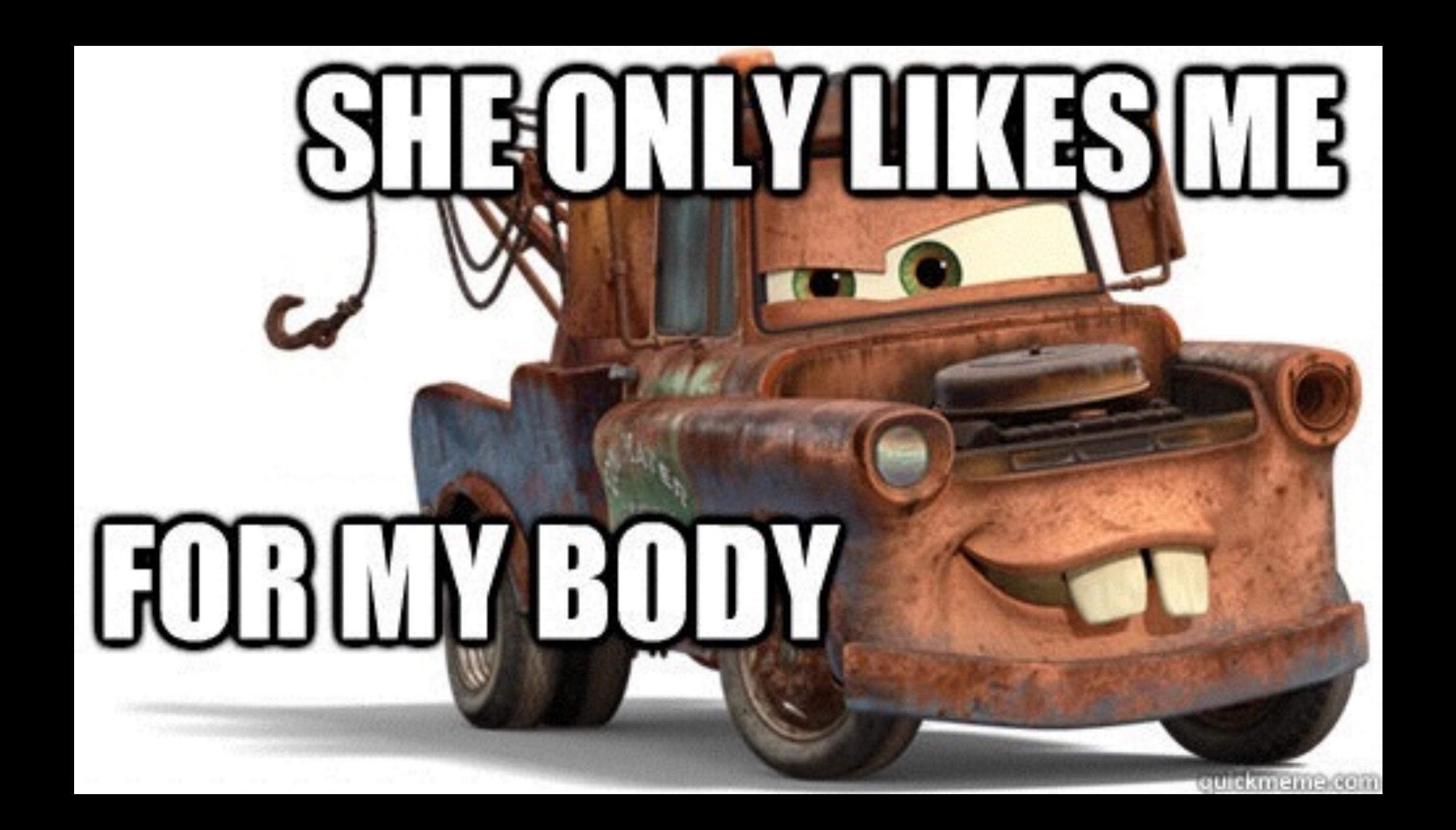
What is it?

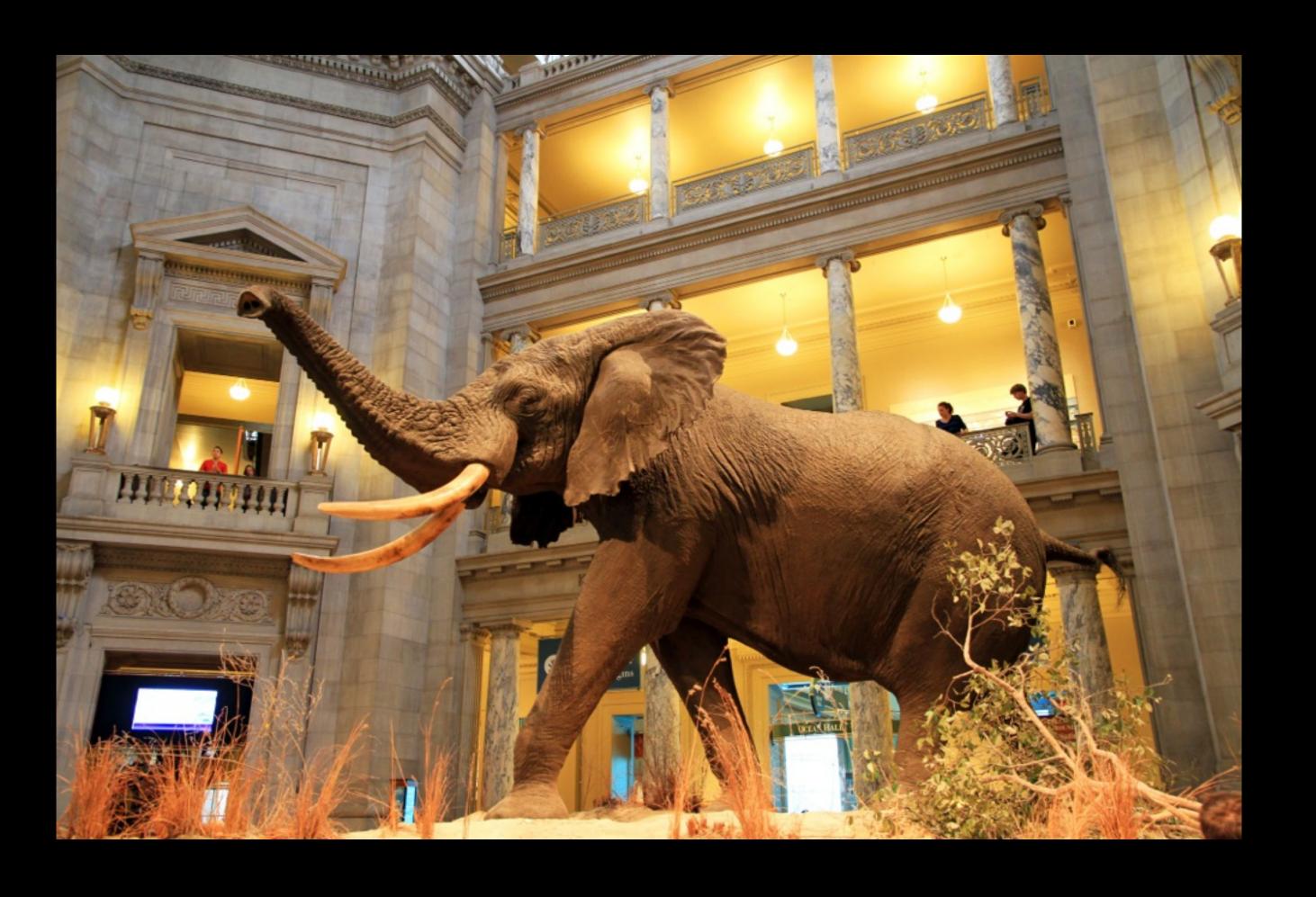
(Barrel Tapper)

Ack! CGI?

"As for the CPAN module. I always consider CGI to suffer from multiple personalities. The one personality is a top-notch CGI (the protocol) parameter parsing beast that should not be dismissed. The other personality is a mediocre templating system that should be avoided like the plague (IMHO)."

-Derby (from perl monks)





History

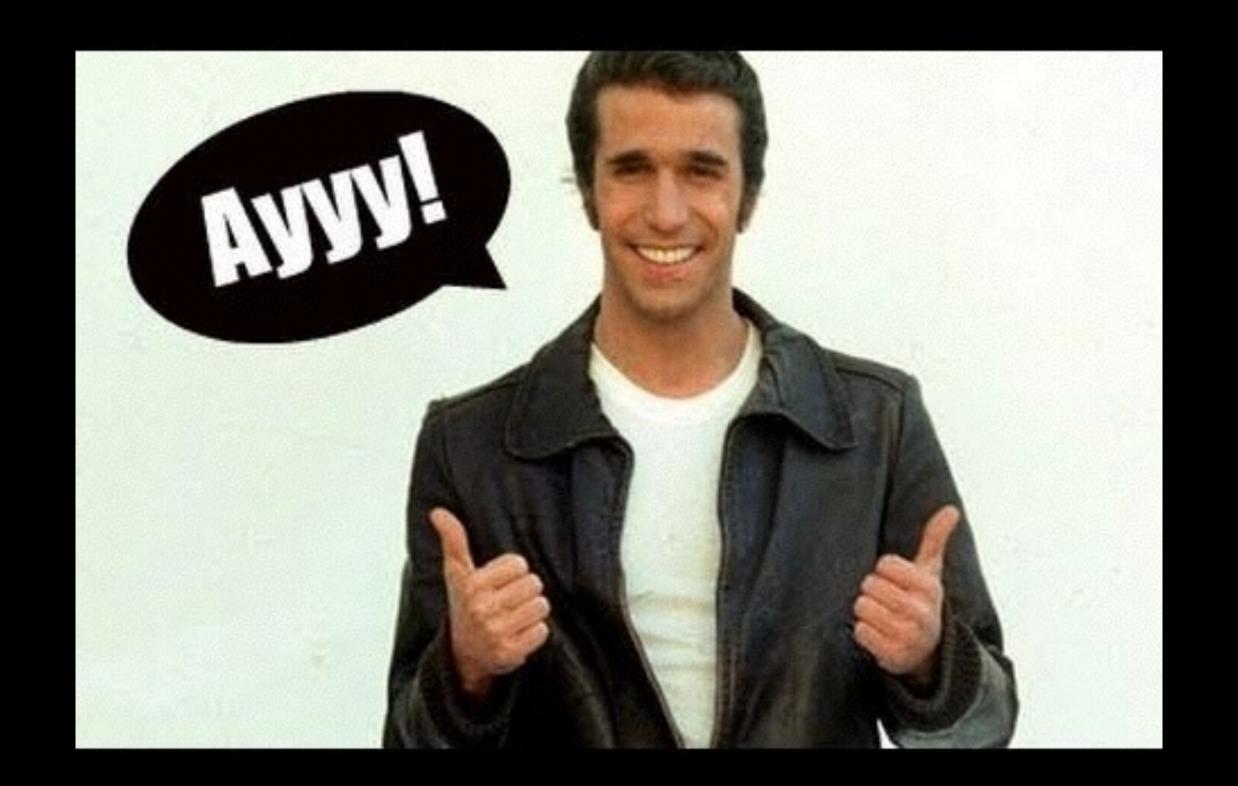
(BYO)mVC

Models are complicated. One size doesn't fit all.

- DBI (sure)
- DBIx::Class (sure)
- Class::DBI (sure... why?)
- Moose, Mouse, Moo, Mo (bring it, just no CGI plz)
- Grow your own

- Simple apps are simple.
- Complex apps are still complex, but CGI::Ex::App isn't going to give you grief about it
- Goal: Provide scaffolding, don't force users to use it





- It's small! (~500k with docs)
- Has one dependency (2 if you use 5.20)
- It's fast (comparing apples to apples)

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sub run_step {
   my $self = shift;
   my $step = shift;
   return 1 if $self->run_hook('pre_step', $step); # if true exit the nav_loop
    return 0 if $self->run_hook('skip', $step); # if true skip this step
   # check for complete valid information for this step
   if ( ! $self->run_hook('prepare', $step)
       | ! $self->run_hook('info_complete', $step)
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sub info_complete {
    my ($self, $step) = @_;
    return 0 if ! $self->run_hook('ready_validate', $step);
    return 0 if ! $self->run_hook('validate', $step, $self->form);
    return 1;
}
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sub info_complete {
    my ($self, $step) = @_;
    return 0 if ! $self->run_hook('ready_validate', $step);
    return 0 if ! $self->run_hook('validate', $step, $self->form);
    return 1;
}
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    my $self = shift;
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   my $hash_form = $self->run_hook('hash_form',
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    my $hash_base = $self->run_hook('hash_base',
                                                   $step) | | {};
    my $hash_comm = $self->run_hook('hash_common', $step) || {};
    my $hash_swap = $self->run_hook('hash_swap', $step) || {};
   my $hash_fill = $self->run_hook('hash_fill', $step) || {};
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Examples

https://github.com/neybar/CGI-Ex-App-Examples

(http://goo.gl/ft9WYD)

- It is highly customizable: (hooks, inheritance)
- Deployable
 - CGI
 - ModPerI1
 - ModPerl2
- No central dispatch
- Runs great from CLI



- Documentation
- Setup is quite manual
- Needs a start_project script
- No PSGI (coming)
- Very regional use



Thank You

- james@thelances.net
- http://goo.gl/wVgQUS (cpan)
- (slides)
- http://goo.gl/ft9WYD (examples)

Questions?