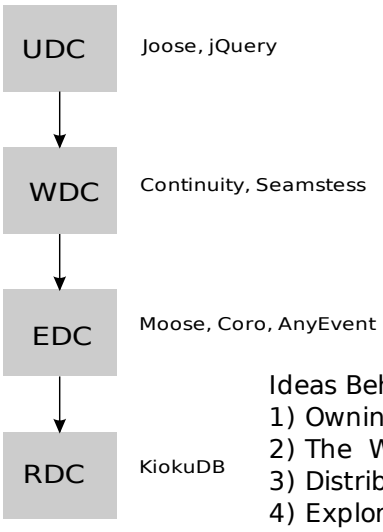
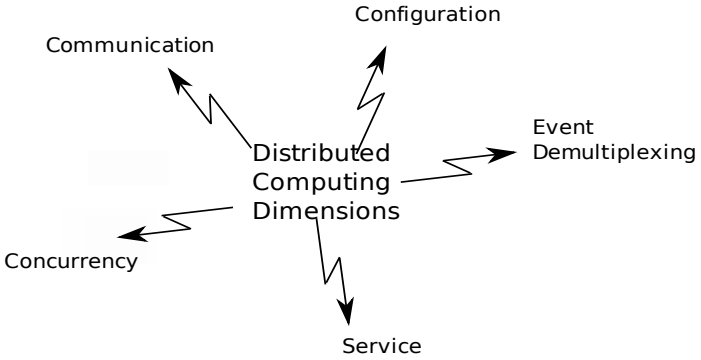
# Modern Perl Techniques to Build Distributed Web 2.0 Applications.

Presented By: Matt Burns
matthewburns@gmail.com

## * Conclusion

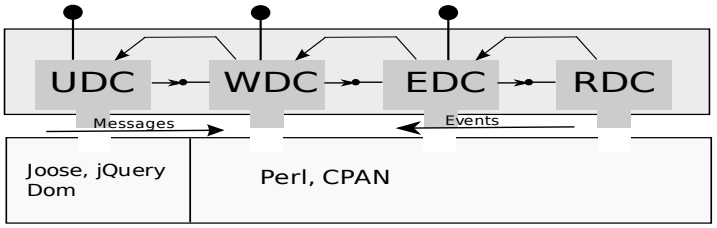
Moose just makes things easier.
Joose is just like moose but in javascript land.
jQuery and Seamstress allow us to be free of clunky template languages.
Customized Web Apps spun up on the fly that are stateful are super neato.
CPAN modules make concurrent distributed web apps/service possible and straight-forward.




Ideas Behind This:
1) Owning stock and trading options on that will beat owning stock alone.
2) The Web Browser is the new operating system.
3) Distributed parallel programming allows us the ability to tackle very complicated problems.
4) Explore the ideas behind the "Modern Perl" movement.
5) Explore the benefits of the Moose Joose relationship.
6) Instead of templating languages HTML/XML/etc operate directly on the dom.
7) How to enable an ad-hoc system of services to be coordinated into runtime alliances to solve business processes.

Distributed Business Component




Component Execution Environment

## Overview:

*** Distributed Paradigm Friendly
About how simple(maybe even easy) it is to build a simple distributed application stack with these off the self of CPAN

The decrease in the impedence mismatch between objects in perl land and objects in Javascript land.

Serializing perl/js objects and marshelling them back and forth from the client and server and between server and server.

When we think distributed apps there are often many servers working with the client that hosts the user level component of these distributed apps in a piece of dom tied to a Joose object.

*** Perl and Javascript land
Integrating jquery into Joose in sensible (according to me) manner.

Getting rid of the stateless nature (okay abstracting it out) of web apps using HTTP.

How Joose and jquery and Moose and HTML::Tree/Element/Seamstress mirror one another.

** Dispatch
CoroContinuitySeamstress
** Persistence
KiokuDB
** Marshalling
MooseX::Storage
Joose pack unpack
Long Call a.k.a Comet
** Joose + jQuery
** Test Environment
Mason JSON layer
Joose Test framework

## Modules and Libraries

Moose, MooseX::Storage, KiokuDB, Coro, Continuity, Mason, JSON, AnyEvent, Moose::Object::Pluggable, Process, Seamstress, HTML::Tree, HTML::Element, Net::Server, IPC::Cmd, jQuery, Joose