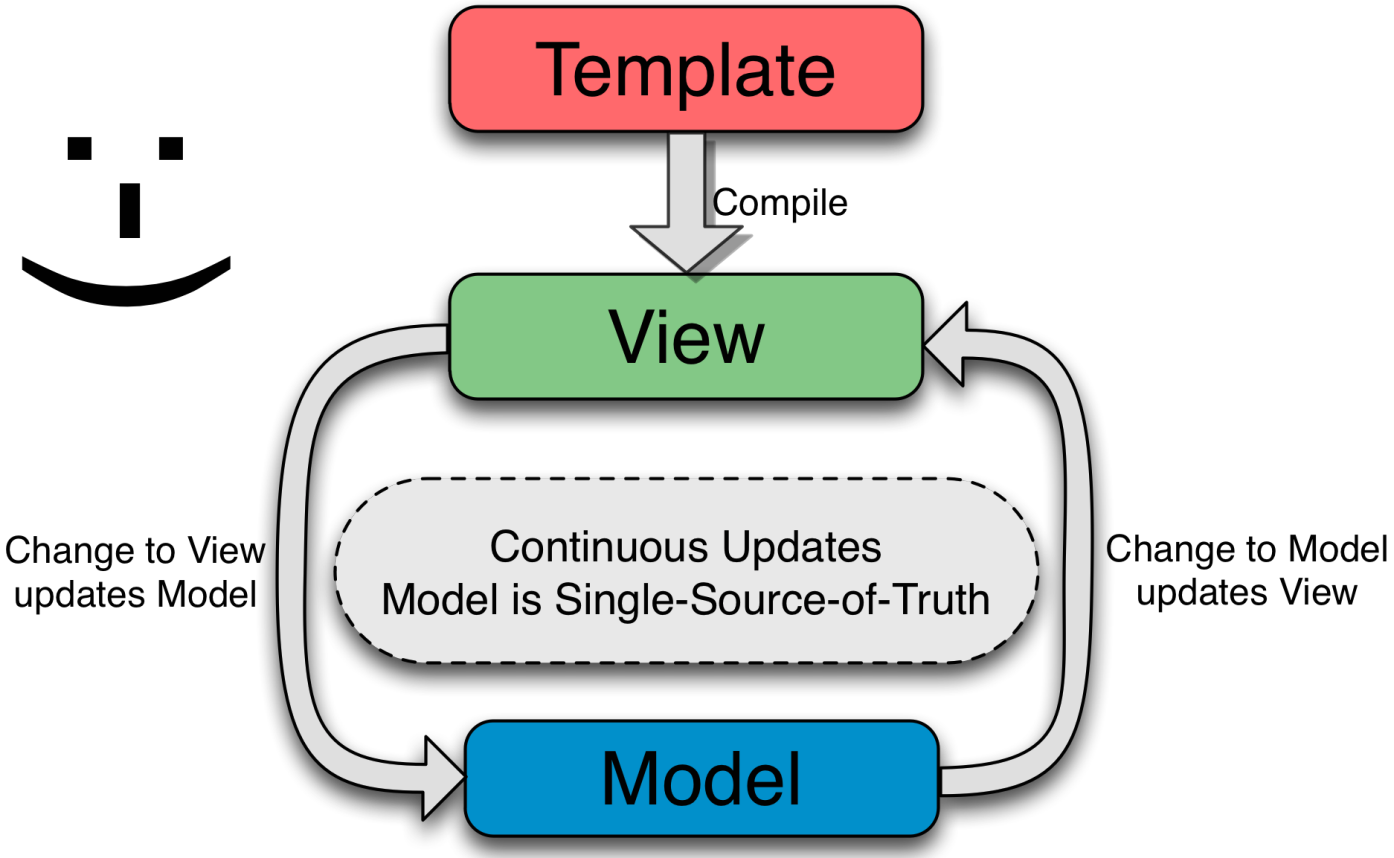
CIS 197: Lecture 10

some pictures

Two-Way Data Binding



TodoMVC

Helping you **select** an MV* framework

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Introduction

Developers these days are spoiled with choice when it comes to selecting an **MV* framework** for structuring and organizing their JavaScript web apps.

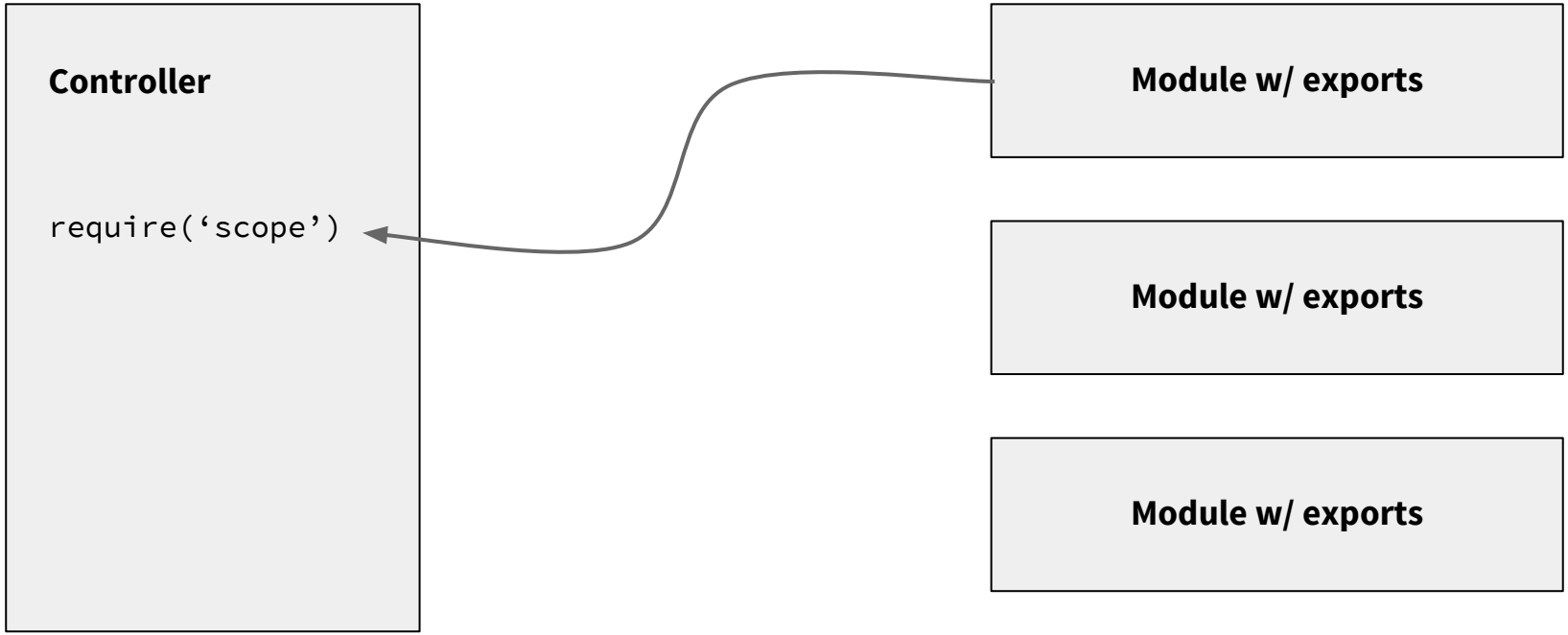
Backbone, Ember, AngularJS... the list of new and stable solutions continues to grow, but just how do you decide on which to use in a sea of so many options?

To help solve this problem, we created TodoMVC - a project which offers the same Todo application implemented using MV* concepts in most of the popular JavaScript MV* frameworks of today.

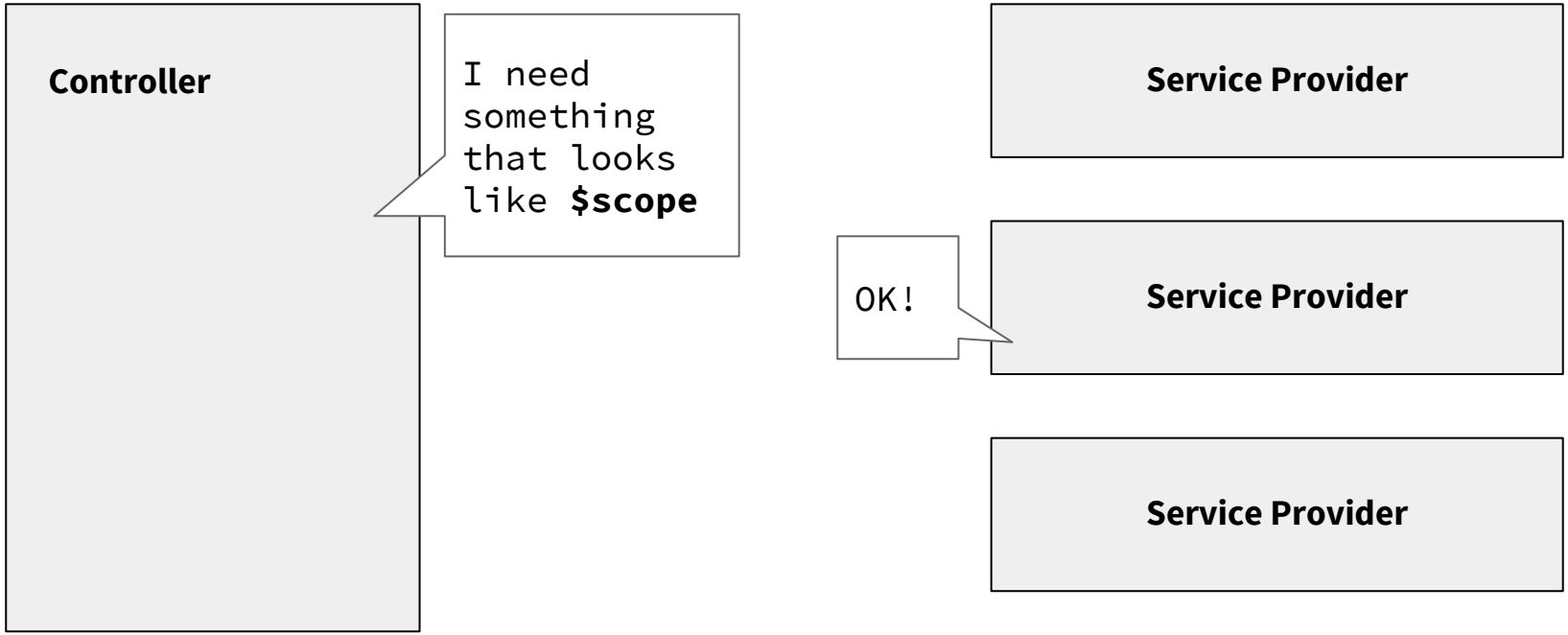
JavaScript Apps

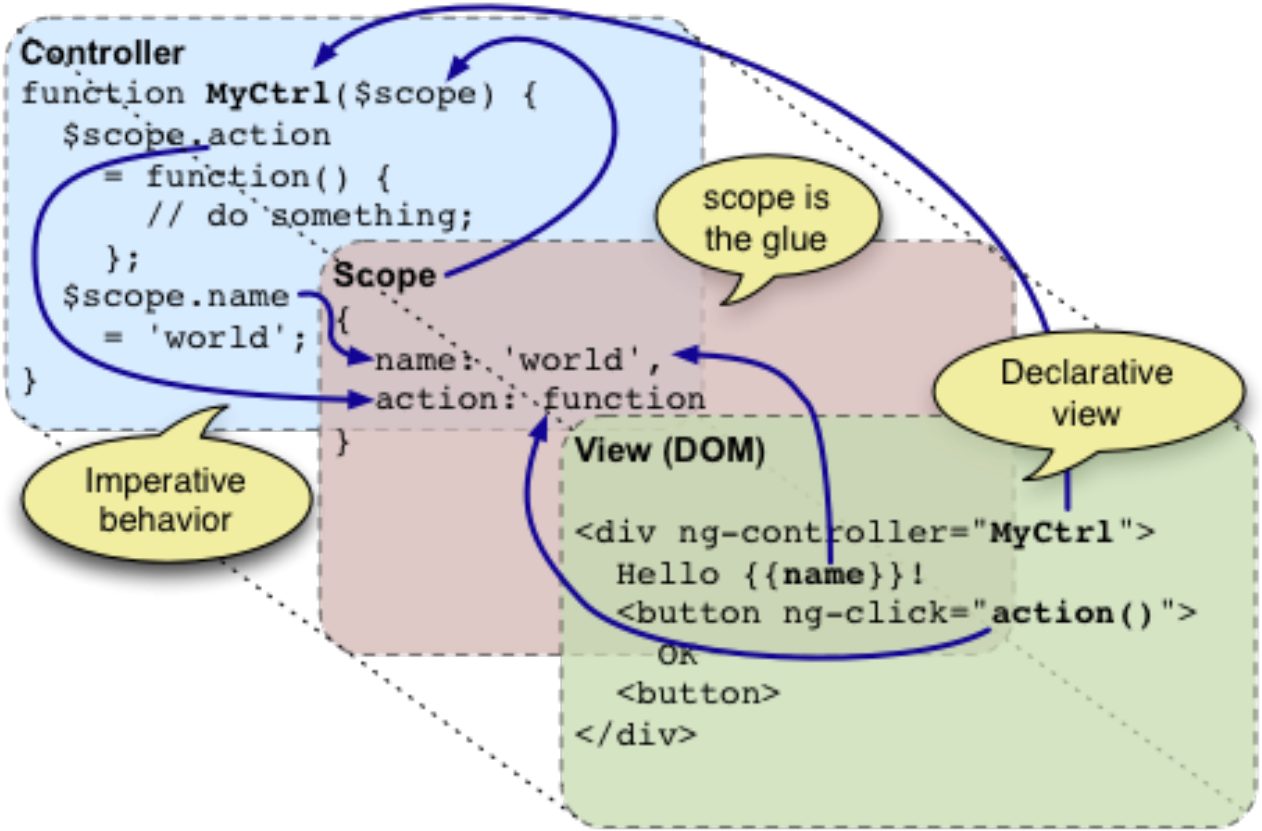
- Backbone.js R
- AngularJS R
- Ember.js R
- KnockoutJS R
- Dojo R
- YUI R
- Agility.js R
- Knockback.js R
- CanJS R
- Maria R
- Polymer R
- React R
- cujoJS
- Montage
- Sammy.js R
- Stapes R
- Epitome R
- soma.js
- DUEL
- Kendo UI R
- PureMVC R
- Olives
- PlastronJS R
- Dijon
- rAppid.js R
- DeftJS + ExtJS
- Aria Templates R
- Enyo + Backbone.js R
- AngularJS (optimized) R
- SAPUI5 R
- Exoskeleton R
- Atma.js R
- Ractive.js
- ComponentJS R
- Vue.js R
- React + Backbone.js R

Module Imports



Dependency Injection




Controller
function MyCtrl($scope) {
$scope.action
= function() {
// do something;
};
$scope.name
= 'world';
}
Scope
{
name: 'world',
action: function
}
scope is the glue
Declarative view
Imperative behavior
View (DOM)

Hello {{name}}!
<button ng-click="action()">
OK
<button>