

Organizing your Code

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hardcore developer training

Module Agenda

**File & Folder
Organization**

Module Organization

Naming

File Organization

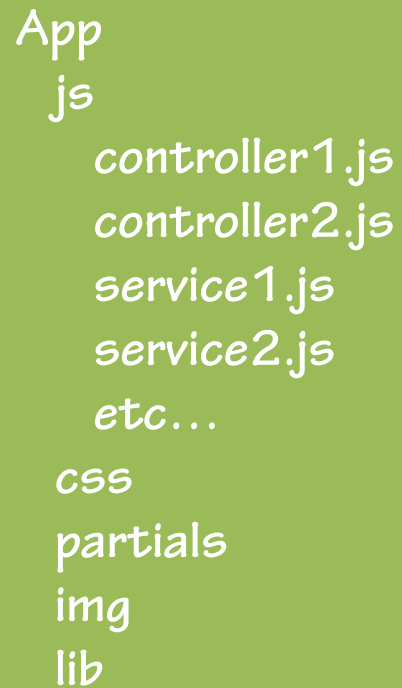
Angular Seed



```
App
js
  controllers.js
  services.js
  filters.js
  directives.js
css
partials
img
lib
```

File Organization

Angular Seed



```
App  
js  
  controller1.js  
  controller2.js  
  service1.js  
  service2.js  
  etc...  
  
css  
partials  
img  
lib
```

File Organization

By Type

```
App
js
  controllers
    controller1.js
    controller2.js
  services
    service1.js
  filters
    filter1.js
  directives
    directive1.js
    directive2.js
  partials
    view1.html
    directive2View.html
css...
```

File Organization

By feature

App

authentication

authCtrl.js

authSvc.js

authDirective.js

authDirective.html

auth.html

authFilters.js

schedule

scheduleCtrl.js

scheduleSvc.js

schedule.html

css...

File Organization

By feature then type



```
App
├── schedule
│   ├── scheduleDetails
│   ├── controllers
│   │   └── scheduleCtrl.js
│   ├── services
│   │   └── scheduleSvc.js
│   ├── partials
│   └── schedule.html
```

App

- schedule
 - scheduleDetails
 - controllers
 - scheduleCtrl.js
 - services
 - scheduleSvc.js
 - partials
 - schedule.html

File Organization

By feature - huge

```
App
  schedule
    scheduleDetails
      scheduleCtrl.js
      scheduleSvc.js
      schedule.html
    scheduleTile
      scheduleTile.js
      scheduleTile.html
      scheduleTileSvc.js
  common
    scheduleResource.js
```


Quiz

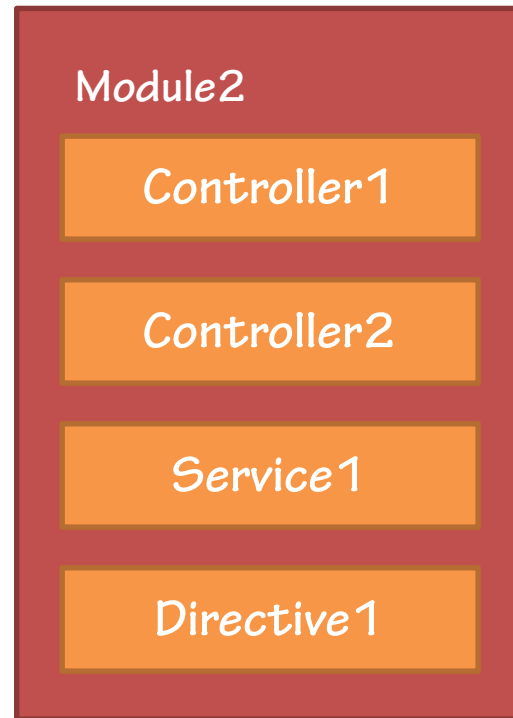
Your file organization has to reflect how code is delivered. True or False?

False

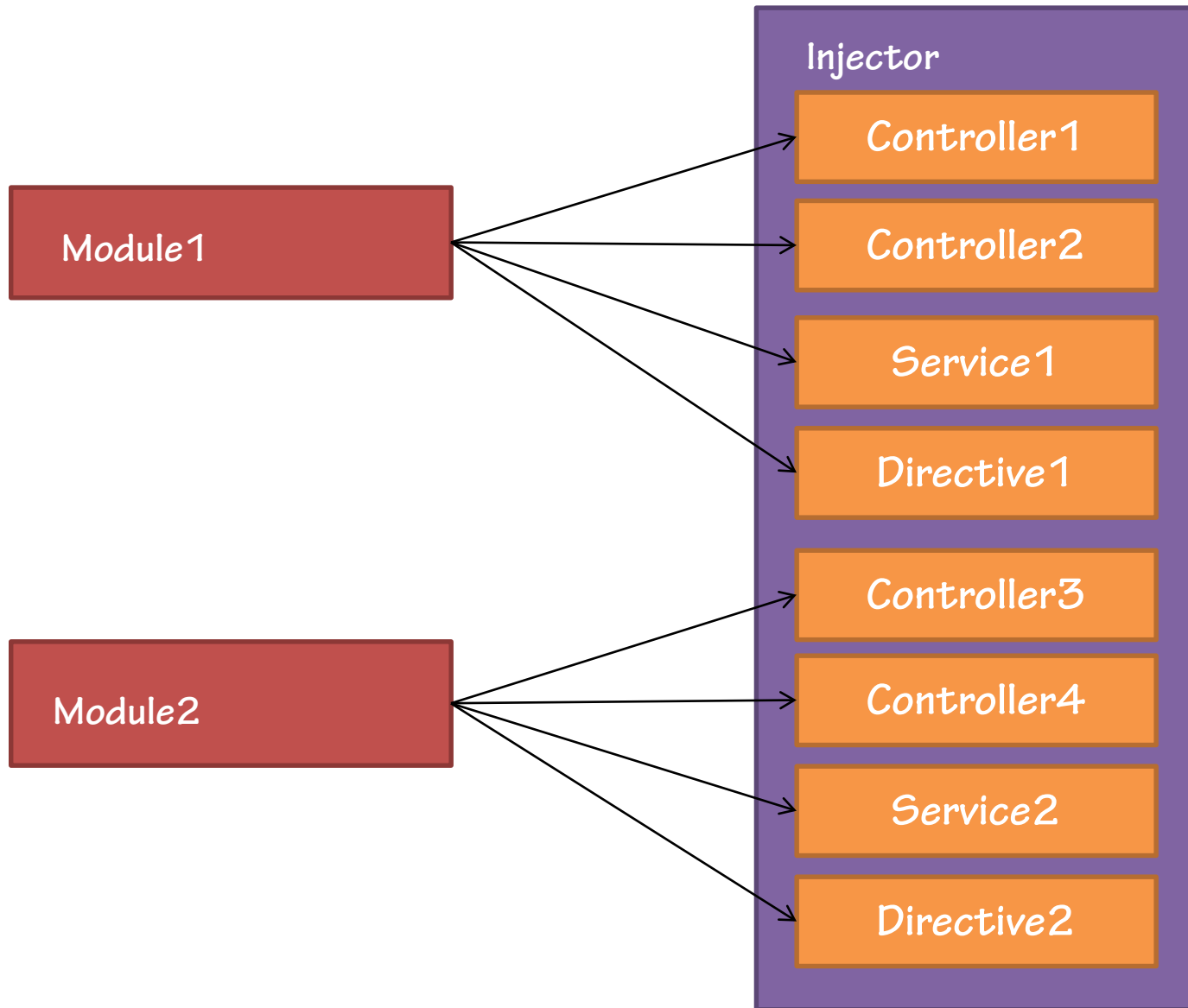
A good organization method works for both the smallest and largest applications. True or False?

False

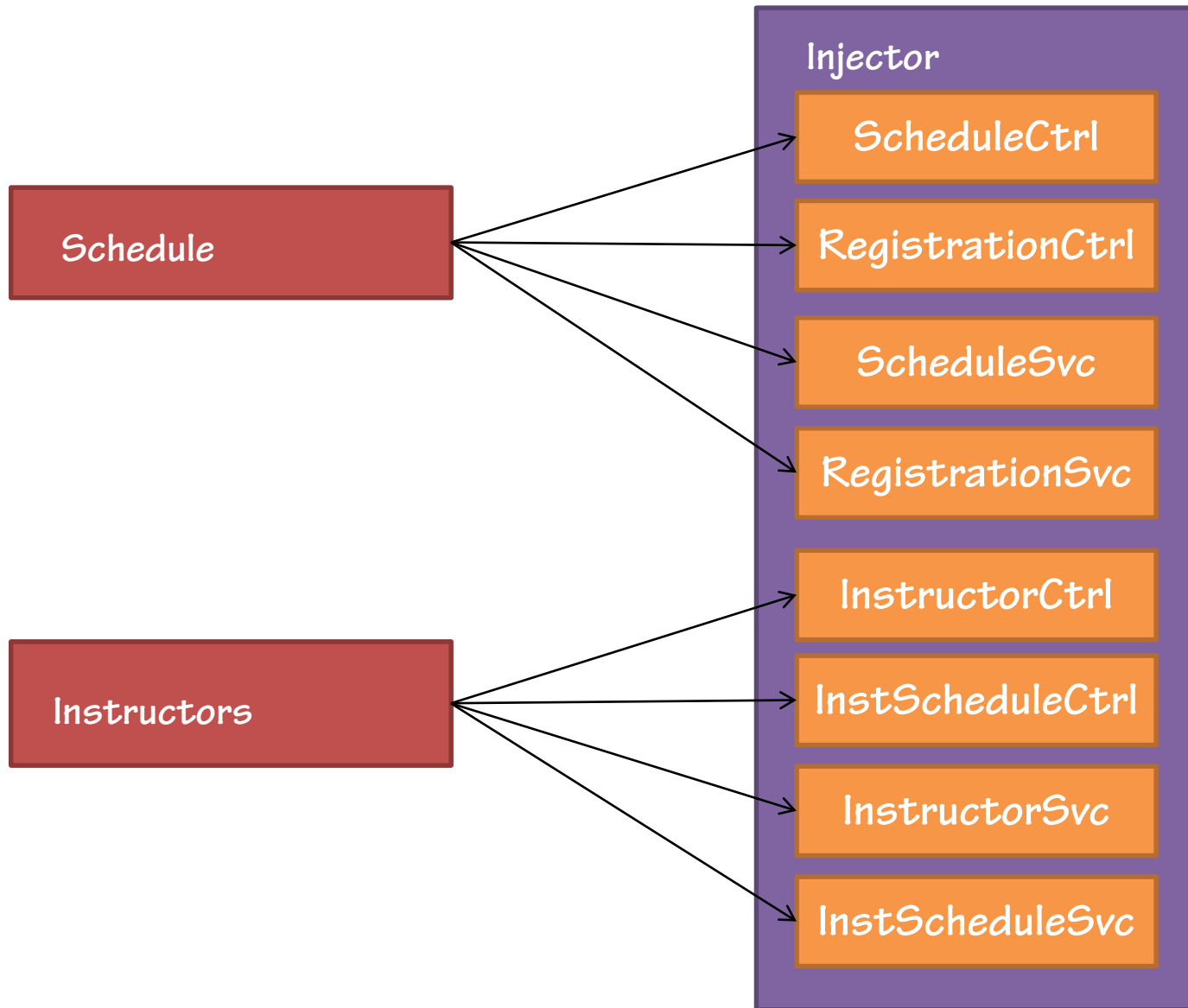
Understanding Modules



The Angular Injector



Delivering Modules



Quiz

**Modules are a namespacing mechanism for angular objects.
True or False?**

False

What is the name of the Angular object that has a list of all the objects in your application?

The Injector

How many injectors can exist in each angular application?

1

Organizing Modules

One Module



Module1

Organizing Modules

Two Modules



MainModule

CommonModule

Organizing Modules

Multiple Modules

```
graph TD; MainModule[MainModule]; Module1[Module1]; Module2[Module2]; Module3[Module3];
```

MainModule

Module1

Module2

Module3

Quiz

Using only one module is clearly the best method. True or False?

False

Sharing code is easiest with more than 1 module. True or False?

True

With multiple modules, your main module cannot contain any objects. True or False?

False

Reasons for Naming

Object Type

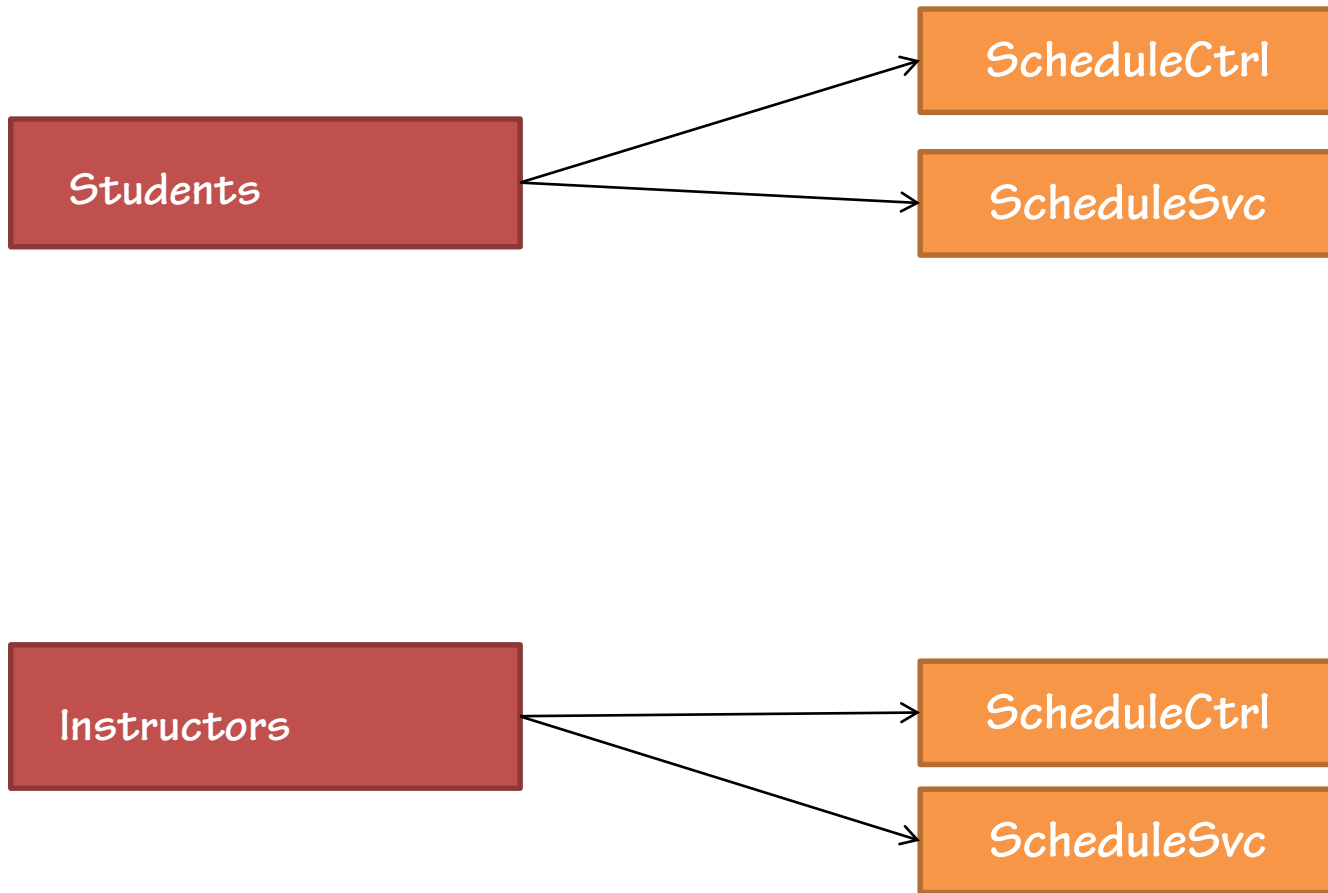
Avoid Collisions

Naming Files

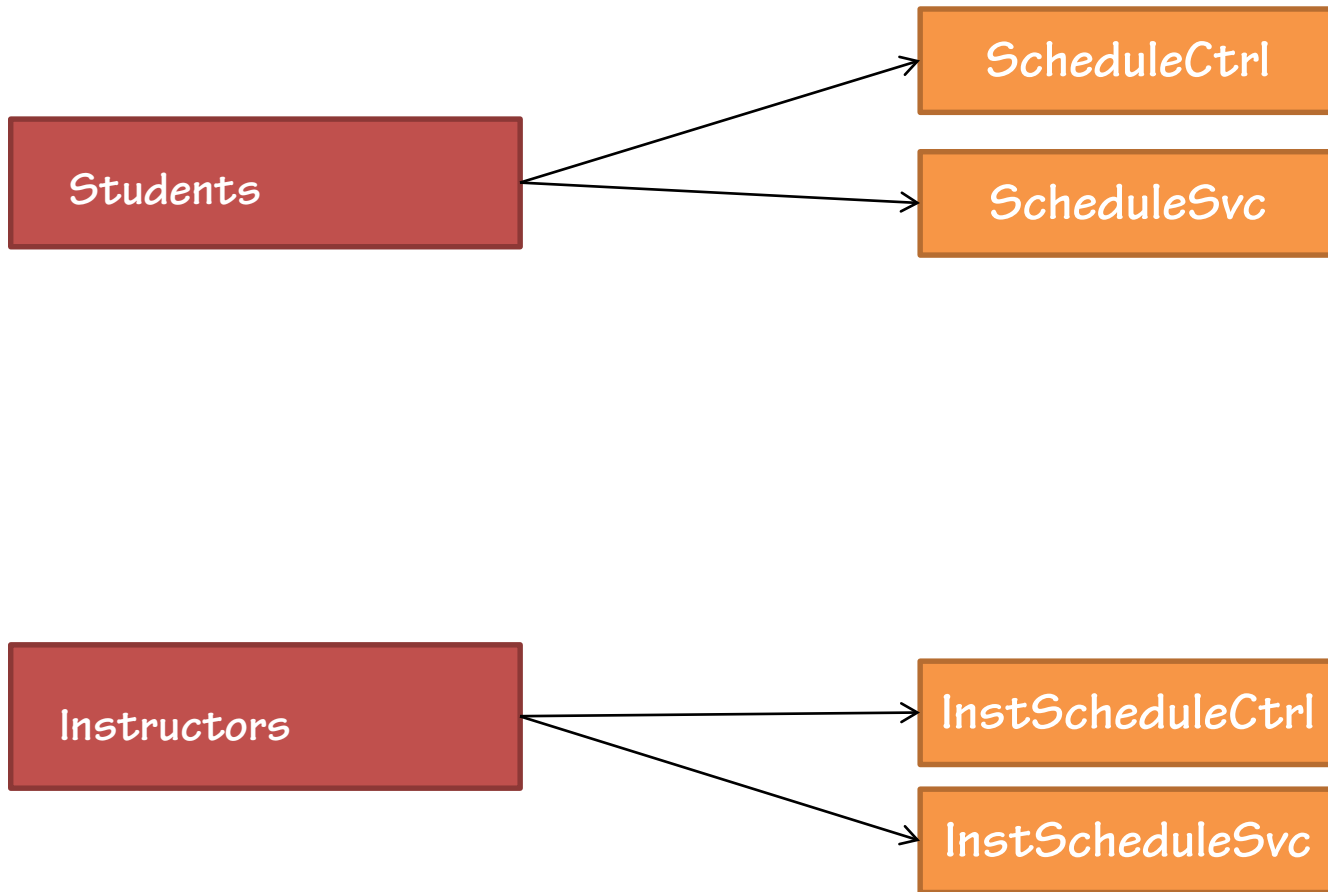
Same as Object

Different from Object

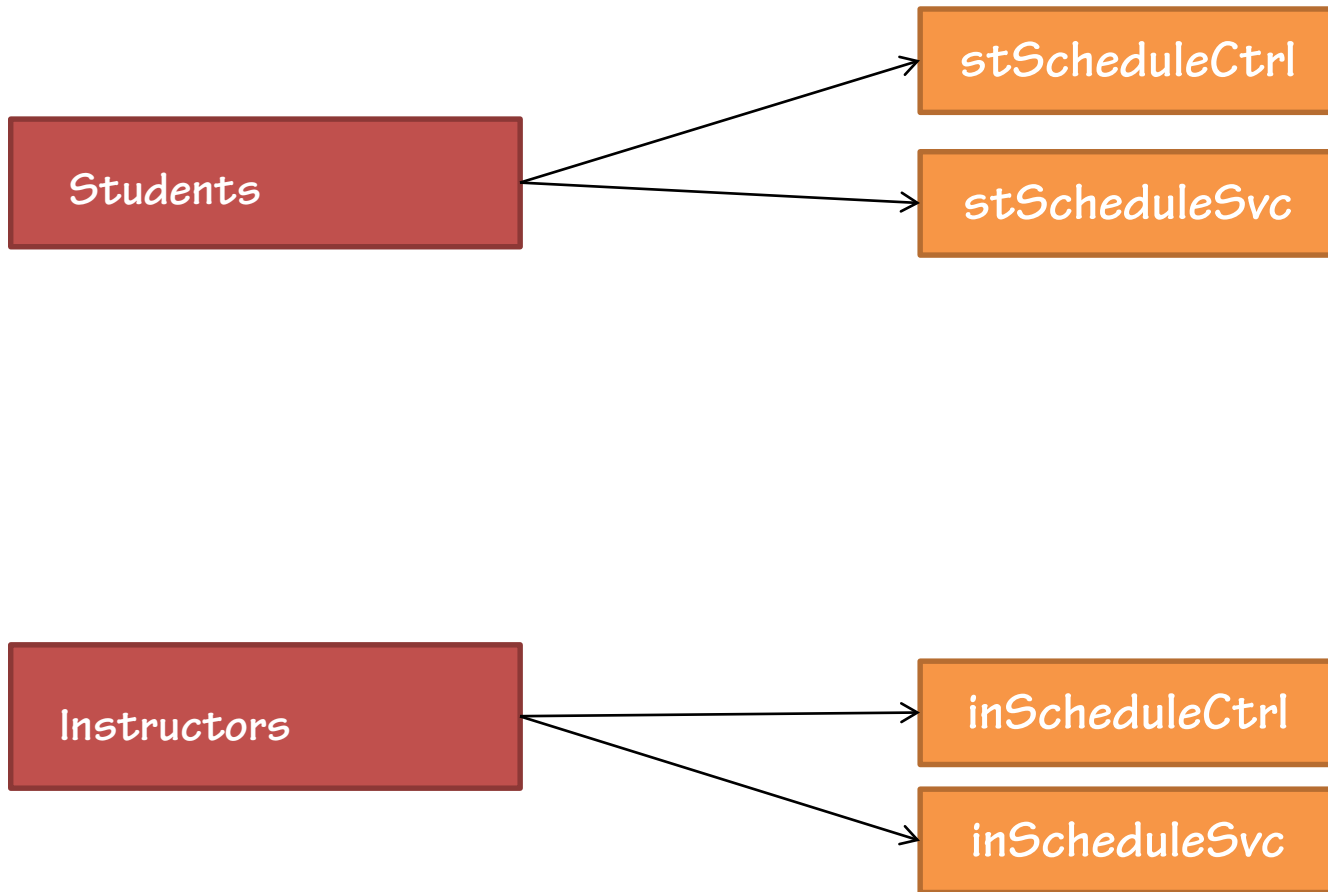
Namespacing



Namespacing



Namespacing



Object Naming - Controllers

Schedule

ScheduleCtrl

Object Naming - Services

Schedule

ScheduleSvc

Object Naming - Filters

Rating

RatingFilter

Object Naming - Directives

smallSchedule

smallScheduleDrct

small-schedule

Object Naming - Partial

schedule

scheduleDisplay.html

schedule

schedule.html

Naming – Putting it all Together

schedule

sc-quick-schedule.js

sc-quick-schedule.html

scRatingsFilter.js

scSchedule.js

scScheduleCtrl.js

scSchedule.html