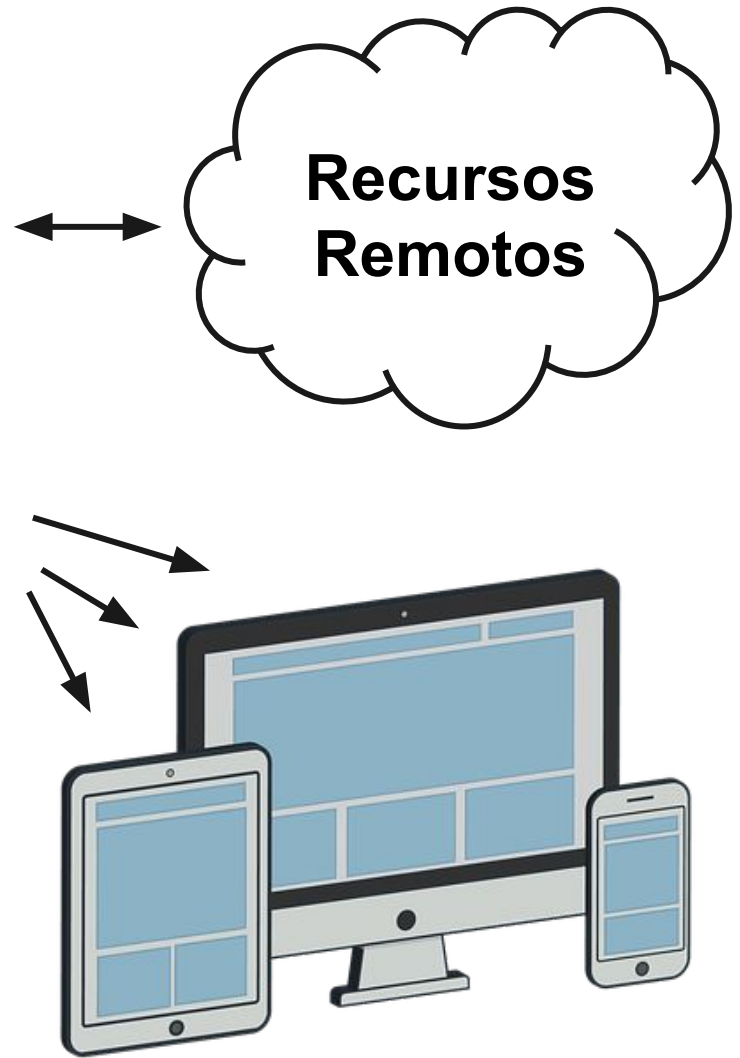


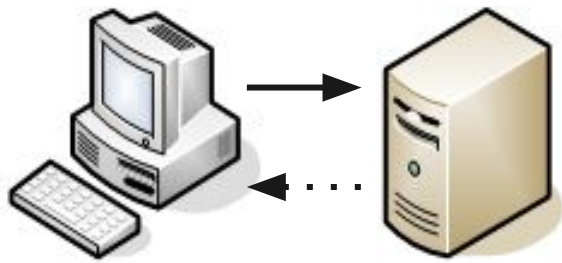
# Construcción de Interfaces de Usuario

1º cuatrimestre 2018

**>>> Cliente Web - Navegación <<<**



Lo que **queremos**: Aplicaciones Ricas en todos lados



# Single Page Applications

Lo que **tenemos**: HTTP, Navegadores, Ajax, etc.



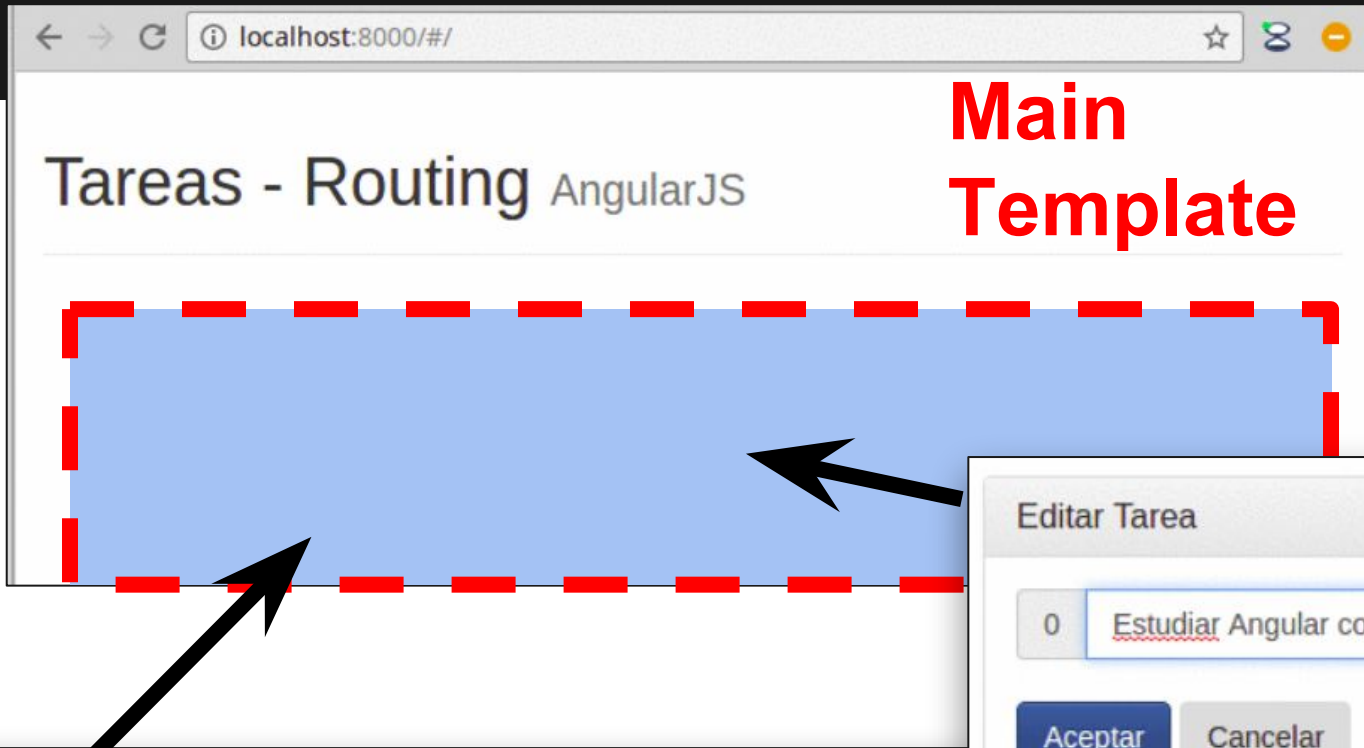
# Tareas - Routing AngularJS

## Agregar Tareas



Id	Descripcion
----	-------------

# angular-ui-router



## Agregar Tareas

Id	Descripcion
0	Estudiar Angular

Partial

# angular-ui-router

## En **HTML**: Template+Partials

```
----- index.html -----
```

```
<!doctype html>  
<html ng-app="miApp">
```

```
<head>...</head>
```

```
<body>
```

```
<div ui-view></div>
```

```
</body>
```

```
</html>
```

**Template**

```
--- partials/a.html ---
```

```
<div>  
  <h1>Partial A</h1>
```

```
  ...  
</div>
```

```
--- partials/b.html ---
```

```
<div>  
  <h1>Partial B</h1>
```

```
  ...  
</div>
```

**Partials**

# angular-ui-router

## Definir **estados posibles**

```
routes = ($stateProvider, $urlRouterProvider) => {  
  
  $urlRouterProvider.otherwise('/a')  
  
  $stateProvider  
    .state('stateA', {  
      url: '/a',  
      templateUrl: 'partials/a.html'  
    })  
    .state('stateB', {  
      url: '/b/:id',  
      templateUrl: 'partials/b.html'  
    })  
}
```

# angular-ui-router

## Definir **estado inicial**

```
routes = ($stateProvider, $urlRouterProvider) => {  
  
  $urlRouterProvider.otherwise('/a')  
  
  $stateProvider  
    .state('stateA', {  
      url: '/a',  
      templateUrl: 'partials/a.html'  
    })  
    .state('stateB', {  
      url: '/b/:id',  
      templateUrl: 'partials/b.html'  
    })  
}
```



# angular-ui-router

## Definir estados posibles

```
routes = ($stateProvider, $urlRouterProvider) => {  
  
  $urlRouterProvider.otherwise('/a')  
  
  $stateProvider  
    .state('stateA', {  
      url: '/a',  
      templateUrl: 'partials/a.html'  
    })  
    .state('stateB', {  
      url: '/b/:id',  
      templateUrl: 'partials/b.html'  
    })  
}
```

# angular-ui-router

## Ir a nuevo estado

Desde un `.html`:

```
<a ui-sref='stateA' >Click</a>
```

Desde un `.js`:

```
$state.go('stateA')
```

# angular-ui-router

## Ir a nuevo estado **con parámetros**

Desde un `.html`:

```
<a ui-sref='stateB({id:42})' >Click</a>
```

Desde un `.js`:

```
$state.go('stateB', {id:42})
```

Para usar al parámetro `id`: `$stateParams.id`

# angular-ui-router

## Usar con **npm**

```
----- package.json -----
```

```
"scripts": {  
  "start": "http-server -p 8000 -c-1"  
},  
"dependencies": {  
  "angular": "^1.7.0",  
  "angular-ui-router": "^1.0.18",  
  "http-server": "^0.11.1"  
}
```

# angular-ui-router

## Usar con **npm**

```
----- index.html -----
```

```
<head>  
  
  <script src="node_modules/angular/angular.min.js">  
  </script>  
  
  <script src="node_modules/angular-ui-router/release/angular-ui-router.min.js">  
  </script>  
  
</head>
```

# angular-ui-router

## Ejemplo

Tareas:

[github.com/uqbar-project/eg-tareas-routing-angularJS-ES6](https://github.com/uqbar-project/eg-tareas-routing-angularJS-ES6)

# angular-ui-router



No confundir con ngRoute  
(<https://docs.angularjs.org/api/ngRoute>)