

pub sub

Let's try to build different pub/sub scenarios

a parent broadcast to children

a **userController** wants to tell the **ordersController** and **friendsController** that a user has changed

Feel free to use the following snippets

```
angular
  .module('app')
  .controller('userController', function($scope){
    $scope.users = [
      {
        name : 'pelle',
        id : 1
      },
      {
        name : 'lisa',
        id : 2
      }
    ];

    $scope.selectedUser;

    $scope.changeUser = function(){
      $scope.$broadcast('changed_user', $scope.selectedUser);
    }
  });
```

```
angular
  .module('app')
  .controller('ordersController', function($scope){
    $scope.orders = [
      {
        userId : 1,
        total : 114
      },
      {
        userId : 2,
        total : 90
      },
      {
        userId : 3,
        total : 50
      }
    ];
```

```

    }
  ];

  // write code to receive broadcast, optional code to filter orders based on broadcast
})

angular
.module('app')
.controller('friendsController', function($scope){
  $scope.friends = [
    { userId: 1, name : 'lisa' },
    { userId : 2, name: 'pelle' },
    { userId:1, name : 'erik' }
  ];

  // write code to receive broadcast, optional code to filter orders based on broadcast
})

```

Goal

write the code needed to receive a broadcast optional : write a nice little ui that lets you select from different users and also that displays the collections for ordersController and friendsController.

Sibling communication

When two sibling controllers exist there is only option from them to communicate and that is `$rootScope.$emit` and `$rootScope.$emit`

```

angular
  .module('app')
  .controller('sibling1', function(){

  });

angular
  .module('app')
  .controller('sibling2', function(){

  });

<div ng-controller="sibling1">
  <input ng-model="message" />
  <button ng-click="send()"></button>
  {{ receivedMessage }}
</div>

```

```
<div ng-controller="sibling2">
  <input ng-model="message" />
  <button ng-click="send()"></button>
  {{ receivedMessage }}
</div>
```

Goal

Complete the code