

GLOBAL SERVICE MOCK

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File: notesApp-mocks.js

```
describe('ItemCtrl with global mock',
  function() {
    var ctrl;

    beforeEach(module('notesApp'));
    beforeEach(module('notesAppMocks'));

    beforeEach(inject(function($controller) {
      ctrl = $controller('ItemCtrl');
    }));

    it('should load mocked out items',
      function() {
        expect(ctrl.items).toEqual([
          {id: 1, label: 'Mock'}
        ]);
      }
    );
  }
);
```

```
angular.module('notesAppMocks', [])
  .factory('ItemService', [function() {
    return {
      list: function() {
        return [{id: 1, label: 'Mock'}];
      }
    };
  }]);
```

SPIES

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- In Jasmine, mocks are referred to as spies.

Spies allow us to hook into certain functions, and check whether they:

- 1. were called*
- 2. how many times they were called*
- 3. what arguments they were called with*
- 4. define value that has to be returned*

```
describe('ItemCtrl with SpyReturn', function() {
  beforeEach(module('notesApp'));

  var ctrl, itemService;

  beforeEach(inject(function($controller, ItemService) {
    spyOn(ItemService, 'list')
      .and.returnValue([{id: 1, label: 'Mock'}]);
    itemService = ItemService;
    ctrl = $controller('ItemCtrl');
  }));

  it('should load mocked out items', function() {
    expect(itemService.list).toHaveBeenCalled();
    expect(itemService.list.calls.count()).toEqual(1);
    expect(ctrl.items).toEqual([{id: 1, label: 'Mock'}]);
  });
});
```