

```
1 // service :
2 // factory : ..
3 // provider : ..
4 angular.module('todo').factory('todoStorage', function() {
5     var storage = {
6
7         todos: [],
8
9
10        // save at localStorage
11        _saveToLocalStorage: function(){
12            localStorage.setItem('TODO_DATA', JSON.stringify(data))
13        },
14
15        // get data from localStorage
16        _getFromLocalStorage: function(data){
17            return JSON.parse(localStorage.getItem('TODO_DATA')) || [];
18        },
19
20        get: function() {
21            // automatically refresh - digest cycle
22            angular.copy(storage._getFromLocalStorage(), storage.todos);
23            return storage.todos;
24        },
25
26        remove: function(todo) {
27            alert("it was removed");
28            storage._saveToLocalStorage(storage.todos);
29        },
30
31        add: function(newTodoTitle) {
32
33            var newTodo = {
34                title: newTodoTitle,
35                completed: false,
36                createdAt: Date.now()
37            }
38
39            //push todo lists
40            storage.todos.push(newTodo);
41            storage._saveToLocalStorage(storage.todos);
42
43        },
44
45        // <input type="checkbox" ng-click="update()" />
46        // <input type="text" ng-blur="update()" />
47
48        // script.js = $scope.update = function(){todoStorage.update();}
49        update: function(){
50            storage._saveToLocalStorage(storage.todos);
51        }
52    }
53 }
54
55 return storage;
56 });
```

