

```

(function() {
  function Room($firebaseArray) {

    var roomsRef = firebase.database().ref().child("rooms");
    var messagesRef =
    firebase.database().ref().child("messages");
    var rooms = $firebaseArray(roomsRef);
    var messages = $firebaseArray(messagesRef);

    var roomService = {};

    roomService.all = rooms;

    roomService.addRoom = function (roomTitle) {
      rooms.$add({
        name: roomTitle,
        created_at: firebase.database.ServerValue.TIMESTAMP
      });
    };

    roomService.addMessage = function(userName, content, room)
    {

      messages.$add({
        username: userName,
        content: content,
        sent_at: firebase.database.ServerValue.TIMESTAMP,
        roomID: room.$id

      });
    };
  };
}

```

```

1 ▼ (function(){
2 ▼   function Message($firebaseArray, $cookies) {
3     var ref = firebase.database().ref().child("messages");
4     var messages = $firebaseArray(ref);
5     this.myMessage = {};
6
7     console.log(messages);
8
9 ▼   this.myMessage.send = function(userName, content, room)
10    {
11 ▼     messages.$add({
12       username: userName,
13       content: content,
14       sent_at: firebase.database.ServerValue.TIMESTAMP,
15       roomID: room.$id
16     });
17
18   };
19
20   return this.myMessage;
21
22   console.log(messages);
23   }
24
25   angular
26     .module('blocChat')
27     .factory('Message', ['$firebaseArray', '$cookies',
28       Message]);

```