

```

1  /**
2   * Created by psc on 24/10/17.
3   */
4
5  package au.com.carringbushsw.Akka.RequesterManager
6
7  import akka.actor._
8  import akka.event._
9  import akka.actor.OneForOneStrategy
10 import akka.actor.SupervisorStrategy._
11 import scala.concurrent.duration._
12 import au.com.carringbushsw.Akka.Common._
13 import au.com.carringbushsw.Akka.Common.MessageTag._
14 // @TODO: add import au.com.carringbushsw.Akka.ResponderManager._ ???
15
16 // messages
17 sealed case class Request(msg: MessageTag)
18 object Request { // companion object
19   val name = "Request"
20 }
21
22 object RequesterManager { // companion object
23   val name = "RequesterManager"
24 }
25
26 class RequesterManager extends Actor {
27   val log = Logging(context.system, this)
28   var counter = 0
29
30   override def preStart: Unit = {
31     log.info(s"${RequesterManager.name}.preStart")
32     context.become(request)
33   }
34
35   override def postStop: Unit = log.info(s"${RequesterManager.name}.postStop")
36
37   def receive = request
38
39   def request: Receive = {
40     // request-and-response
41     case "A REQUEST" => {
42       log.info("sending A REQUEST...")
43       TheFatController.responderManager ! "A REQUEST"
44     }
45     case "the local actor is alive..." => {
46       log.info("the local actor is alive...")
47       // send first test message to responde here....
48       log.info("sending A REQUEST...")
49       TheFatController.responderManager ! "A REQUEST"
50     }
51     case msg: String => log.info(s"${msg}")
52
53     case Request(MessageTag.request) => {
54       if (counter < 5) {
55         log.info(s"${Request.name}('${MessageTag.request}...')")
56         TheFatController.responderManager ! Request(MessageTag.request)
57         counter += 1
58       }
59       else
60         log.info(s"${Request.name}('sent as many messages as i'm going to')")
61     }
62     case Response(MessageTag.response) => {
63       log.info(s"${Response.name}('received ${MessageTag.response}')")
64
65       // finish up here hopefully
66       TheFatController.stop
67     }
68
69     case _ => log.info(s"${RequesterManager.name}.${Request.name}.help!!")

```

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70  
71     } // request: Receive  
72 } // RequesterManager
```