

```

1  /**
2   * Created by psc on 14/7/17.
3   */
4
5  package au.com.carringbushsw.Akka.InvestigatorManager
6
7  import MessageTag._
8
9  import akka.actor._
10 import akka.event._
11 import akka.actor.OneForOneStrategy
12 import akka.actor.SupervisorStrategy._
13 import scala.concurrent.duration._
14
15 // messages
16 sealed case class Search(msg: MessageTag)
17 object Search { // companion object
18     val name = "Search"
19 }
20 // duplicate messages
21 sealed case class Request(msg: MessageTag)
22 object Request { // companion object
23     val name = "Request"
24 }
25
26 object InvestigatorManager { // companion object
27     val name = "InvestigatorManager"
28 }
29
30 class InvestigatorManager extends Actor {
31     val name = "InvestigatorManager"
32     val log = Logging(context.system, this)
33
34     override val supervisorStrategy =
35         OneForOneStrategy(
36             maxNrOfRetries = 5, withinTimeRange = Duration.create("1 minute")) {
37             case _: NullPointerException => Restart
38             case _: ArithmeticException => Resume
39             case _: IllegalArgumentException => Stop
40             case _: UnsupportedOperationException => Stop
41             case _: Exception => Escalate
42         }
43
44     override def preStart: Unit = {
45         log.info(s"${InvestigatorManager.name}.preStart")
46         context.become(search)
47     }
48
49     override def postStop: Unit = log.info(s"${InvestigatorManager.name}.postStop")
50
51     def receive = search
52
53     def search: Receive = {
54         case Search(MessageTag.search) => {
55             log.info(s"${Search.name}('${MessageTag.search}...')")
56             // search for
57             // requesterManager at "akka.tcp://TestAkkaSystem@127.0.0.1:2552/user/RequesterManager"
58             // responderManager at "akka.tcp://ResponderAkkaSystem@127.0.0.1:2553/user/ResponderManager"
59             TheFatController.requesterManager ! Request(MessageTag.request)
60         }
61
62         case _ => log.info(s"${InvestigatorManager.name}.${Search.name}.help!!")
63     } // search: Receive
64 } // InvestigatorManager

```

Common method