

```
1 SystemComponentArchitecture SystemMultiMoveRobotino
2 {
3   ComponentInstance SafetyOfficer instantiates SmartJoystickServer
4   {
5     ProvidedService JoystickServcieOut
6   }
7   ComponentInstance RobotOperator instantiates SmartJoystickServer
8   {
9     ProvidedService JoystickServcieOut
10  }
11  ComponentInstance SJMan instantiates SmartJoystickManager
12  {
13    RequiredService JoystickServiceIn_1
14    RequiredService JoystickServiceIn_2
15    RequiredService JoystickServiceIn_3
16    RequiredService JoystickServiceIn_4
17    RequiredService JoystickServiceIn_5
18    ProvidedService JoystickServiceOut
19  }
20  ComponentInstance SJNav instantiates SmartJoystickNavigation
21  {
22    RequiredService JoystickServiceIn
23    RequiredService NavVelServiceOut
24  }
25  ComponentInstance WebotsLink instantiates ComponentWebots
26  {
27  }
28  ComponentInstance Robotino instantiates ComponentWebotsMobileRobot
29  {
30    RequiredService LocalizationEventServiceIn
31    ProvidedService BaseStateServiceOut
32    ProvidedService NavigationVelocityServiceIn
33    ProvidedService LocalizationUpdateServiceIn
34    ProvidedService BaseStateQueryServiceAnsw
35  }
36  Connection SJMan.JoystickServiceIn_1 ->
    SafetyOfficer.JoystickServcieOut
37  Connection SJNav.JoystickServiceIn -> SJMan.JoystickServiceOut
38  Connection SJNav.NavVelServiceOut ->
    Robotino.NavigationVelocityServiceIn
39  Connection SJMan.JoystickServiceIn_2 ->
    RobotOperator.JoystickServcieOut
40 }
```