Machine 3

Central Controller Manager (CCM)

Resource Manager

Resource Storage

Command-
/Stateinterface
imports of
SCMs

Assigne by CCM

Joint Trajectory Controller

Loaned
Command-
/Stateinterfaces

Export via ROS2 Service

Machine 1

Sub-Controller Manager 1 (SCM 1)

Resource Manager 1

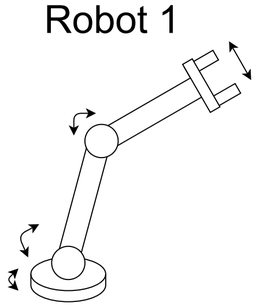
Resource Storage 1

Command-
/Stateinterfaces

Export

System 1

Robot 1



Exported by SCM 1

Driver for
Robot 1

Machine 2

Sub-Controller Manager 2 (SCM 2)

Resource Manager 2

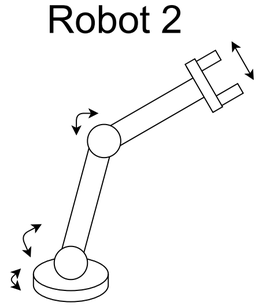
Resource Storage 2

Command-
/Stateinterfaces

Export

System 2

Robot 2



Exported by SCM 2

Driver for
Robot 2