

10-11) Component containers/Connectors

Asynchronous call

Set_Mode [sporadic,
MIAT = 500ms, queueSize = 3]

Start_Mode_Transition
[sporadic, MIAT = 500ms,
queue Size = 2]

GYR_FAILURE_RC
EventReceiver
[unprotected]

```
<<instance>>  
Mode_  
Manager_inst
```

The diagram illustrates a component architecture. A component named `Mode_Manager_inst` is shown in a light green rounded rectangle. It has an input interface (small circle) on its left and an output interface (small semi-circle) on its right. Below this component is a red arrow-shaped component named `MM_inst Container`. A solid line connects the output interface of `Mode_Manager_inst` to the `MM_inst Container`. A dashed line connects the input interface of `Mode_Manager_inst` to the `MM_inst Container`. The entire diagram is enclosed in a green rectangular frame.

Connector

Step [periodic,
period = 125ms]

```
<<instance>>  
AOCS_inst
```

The diagram shows a horizontal bar representing the 'Execution platform'. Inside this bar, on the left, is the text 'Execution platform'. On the right, there is a white rectangular box with a black border labeled 'Event service'. Two diagonal lines extend from the top edge of the 'Event service' box, one towards the top-left and one towards the top-right, indicating connections to other components.

Event service