

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 box. It has two provided interfaces: a circle on the left and a crescent on the right. Below the component is a red arrow-shaped connector. This connector is linked to a dashed line that points to a box labeled `MM_inst Container`. Another solid line connects the red arrow to a small square on the right boundary of the container area.

Connector

**Step** [periodic,  
period = 125ms]

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

The diagram shows a large rectangle labeled "Execution platform". Inside this rectangle, towards the right side, is a smaller rectangle labeled "Event service". Two diagonal lines connect the top corners of the "Event service" rectangle to the top edge of the "Execution platform" rectangle, indicating its integration or deployment within the platform.

Event service