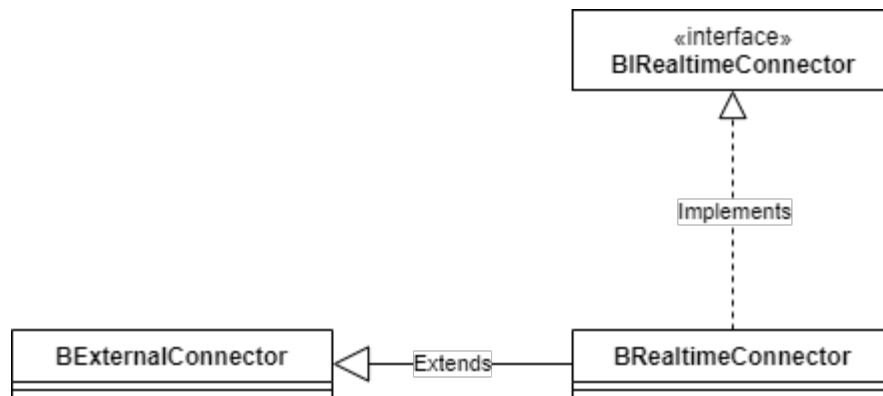


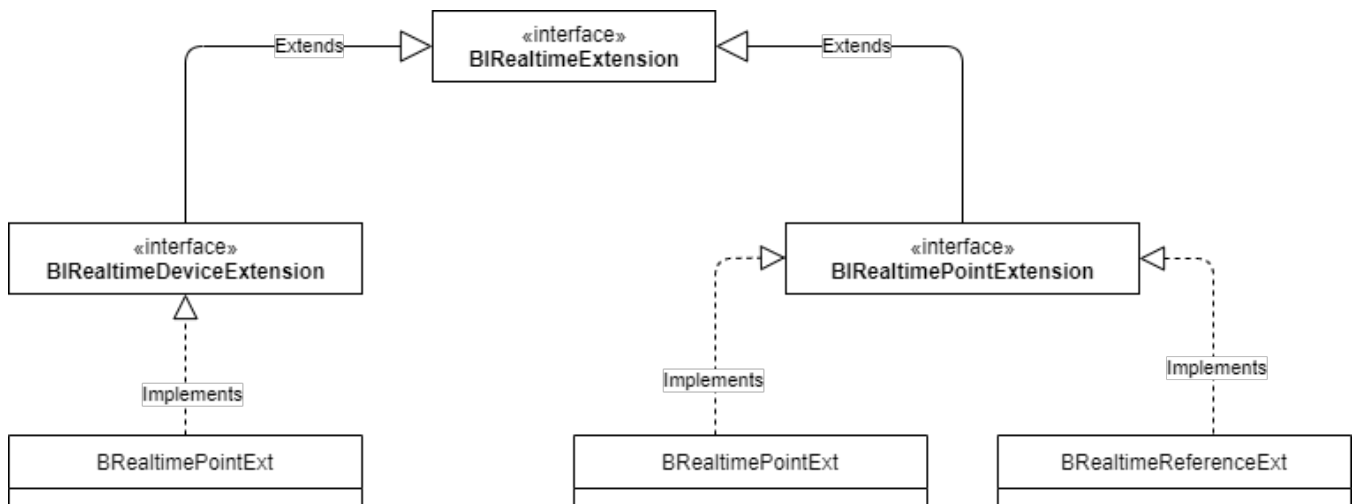
RT Connectors Implementation

Class Hierarchy

Connector:

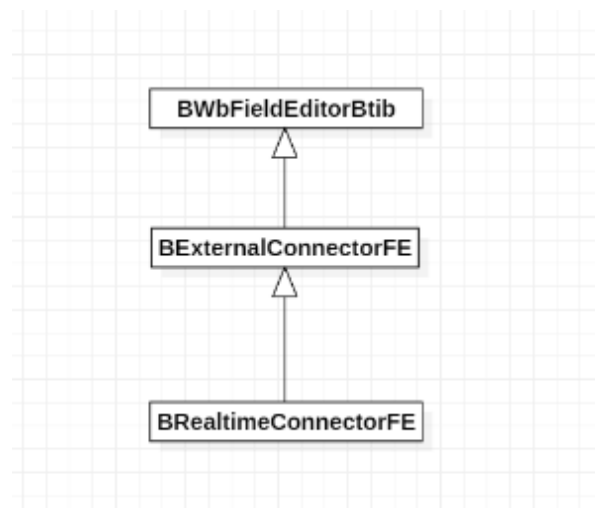


Extensions:



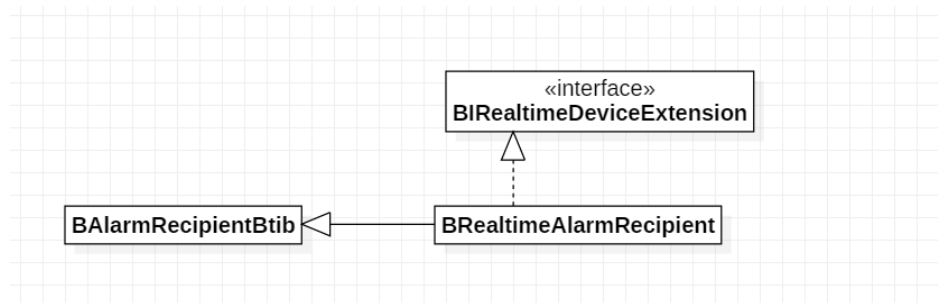
Field Editor:

The field editor is used by the device extension to show a drop down of connectors to choose.

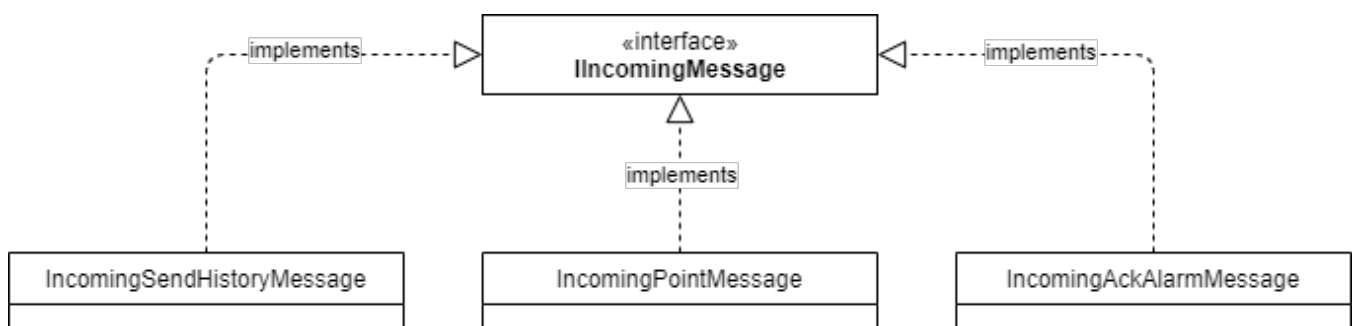


Alarm Recipient:

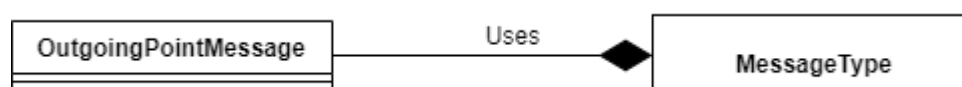
The real-time alarm recipient is represented as a device in the connector architecture so it implements the device extension interface.



Incoming Messages:

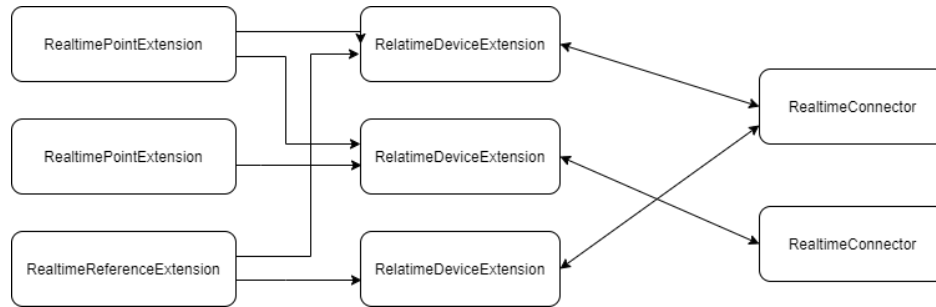


Outgoing Message:



Execution Flow

When an action is triggered by the point extension (a change of value for example), the extension fetches its related device extensions (which selects a connector), then it retrieves this connector and invokes the desired action.



- Each **RealtimePointExtension** or **RealtimeReferenceExtension** can be related to 1 or multiple **RealtimeDeviceExtension** of the same type.
- Each **RealtimeDeviceExtension** is linked to one and only **RealtimeConnector** of the same type at a time.
- Each **RealtimeConnector** can be used by multiple **RealtimeDeviceExtension**.