

Service Description (SD) – EventHandler-SIB

Abstract

This document defines the template for the Service Description of Arrowhead compliant Services.

A Service Description provides an abstract description of what is needed for systems/devices/units/software to provide and/or consume a specific service. SD's for Application Services are created (specified) by the Pilots WP's and by the common Arrowhead framework. The SD shall make it possible for an engineer with technical programming knowledge to achieve an Arrowhead compliant realization of a provider and/or consumer of description of how the service is implemented/realized by using the Communication Profile and the chosen technologies.

A Service Description (SD) is the Service in a specific technology. All systems/devices/units/software implementing an Interface Design Description which complies with this SD will be able to exchange information with each other.

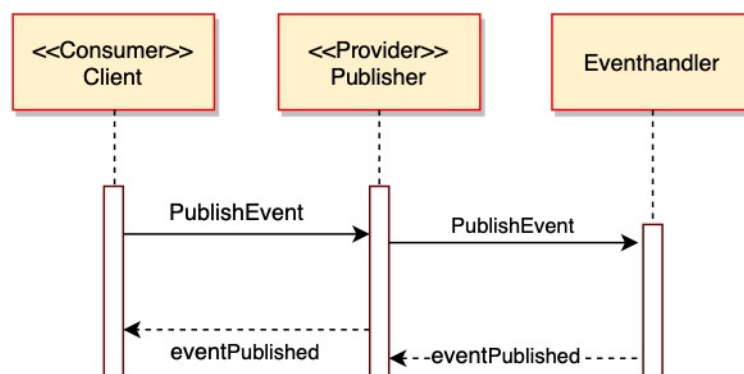
All Arrowhead Service Description should be specified using this template and stored on a common repository (available on the SVN server), in order to document and formalize the pilot demonstrators and the common Arrowhead framework.

1. Service Description Overview

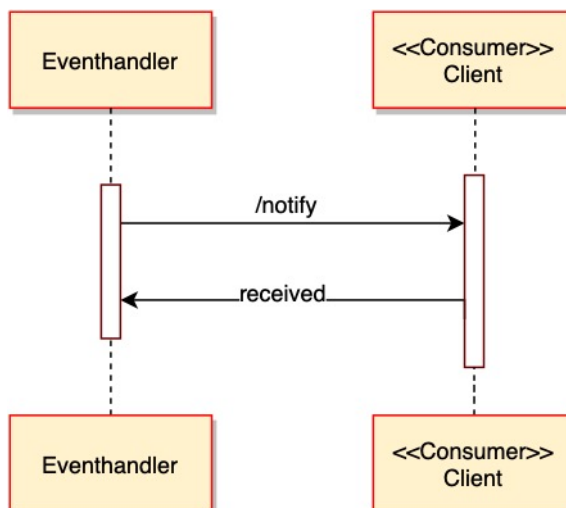
This service provides two services.

2. Abstract Interfaces

Example use of the publish event:



Example use of notify service.



3. Abstract Information Model

The output of the services are success codes.

4. Non-functional Requirements

The service has none non-functional requirements.

5. Revision history

5.1. Amendments

No.	Date	Version	Subject of Amendments	Author
1	2020-01-10	0.1	First draft	Abdullah Aziz