

Title: System Description Test Producer
Version: 0.1
Status: for approval
Date: 20201210
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System Description (SysD) Test Consumer

Abstract

This document provides the main template for the System Description of Arrowhead compliant Systems. It should be used to define the main services and interfaces of a system, without describing its internal implementation.

All Arrowhead systems 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.

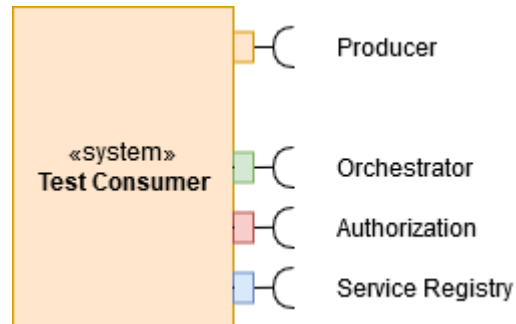
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| | |
|---|---|
| Description (SysD) Test Consumer – Black Box Design | 1 |
| 1. System Description Overview | 3 |
| 2. Behavior Diagrams | 4 |
| 3. System services | 4 |
| 3.1. Produced Services | 4 |
| 4. Security | 5 |
| 4.1. Assets | 5 |
| 5. Revision history | 5 |
| 5.1. Amendments | 5 |
| 5.2. Quality Assurance | 5 |

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1. System Description Overview

The Test Consumer was designed to show how the Arrowhead C# Client library works. It Consumes the Test Producer via a HTTP protocol.



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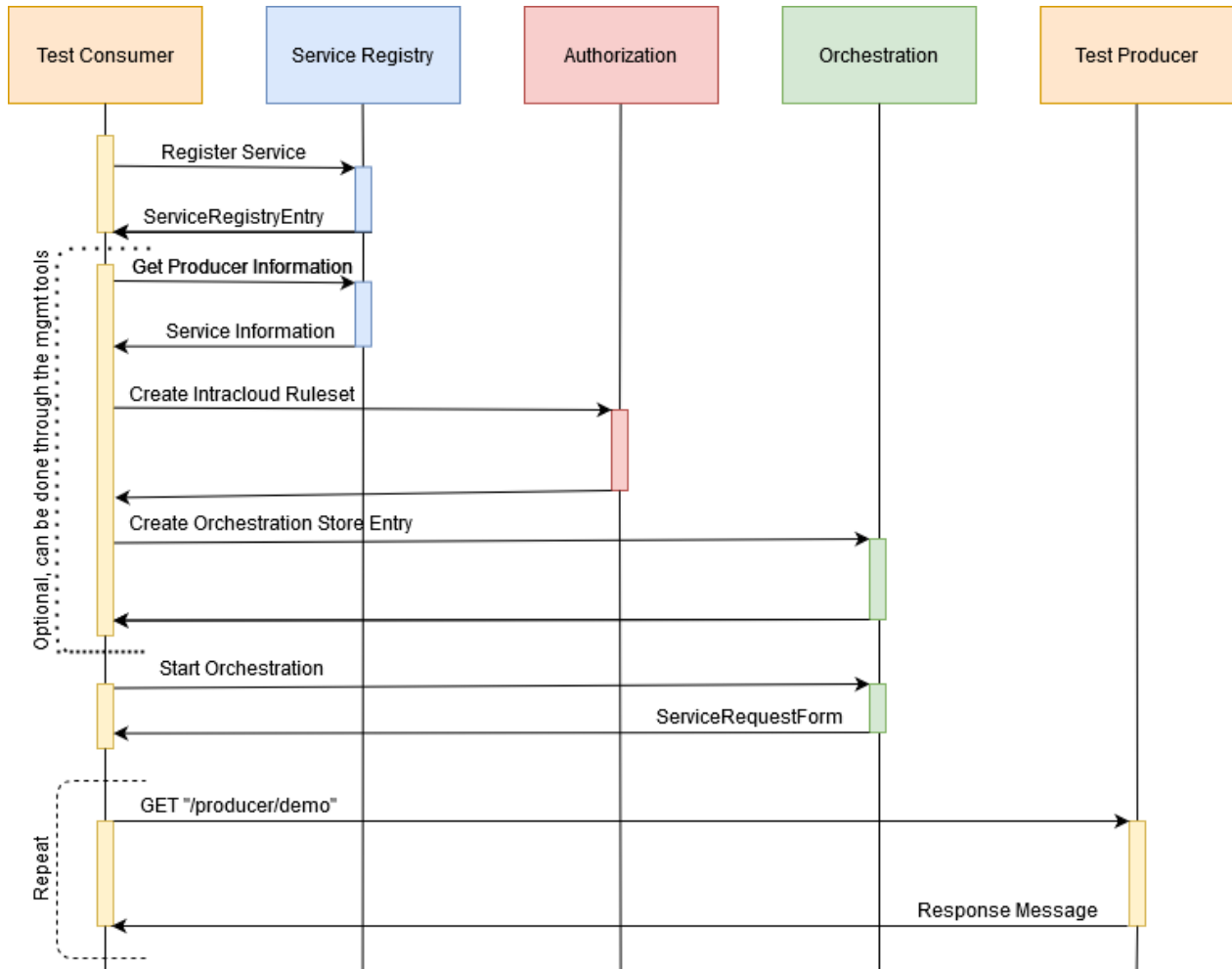
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2. Behaviour Diagrams



3. System services

This system only consumes services.

3.1. Consumed Services

Table 2 Pointers to IDD documents

| Service | SD Document Reference | IDD Document Reference |
|----------|--|------------------------|
| Producer | "./SD Service Description Producer.docx" | "./IDD Producer.docx" |

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4. Security

Since this is a demo system which only provides some dummy data the data can be considered not confidential nor important. Thus, no security measures have been taken while providing the service. However, the local cloud requires a certificate for the service registration.

4.1. Assets

The only security asset in this system is the client certificate. Although it is an important asset the consequences if it should leak is extremely mild due to the system only running on a local cloud on a local machine in demonstration purposes.

5. Revision history

5.1. Amendments

| No. | Date | Version | Subject of Amendments | Author |
|-----|----------|---------|-----------------------|----------------|
| 1 | 20201210 | 0.1 | First Draft | Gustav Hansson |
| | | | | |

5.2. Quality Assurance

| No. | Date | Version | Approved by |
|-----|------|---------|-------------|
| 1 | | | |
| 2 | | | |