

**Title:** System Description Test Producer  
**Version:** 0.1  
**Status:** for approval  
**Date:** 20201210  
**Author:** Gustav Hansson  
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# System Description (SysD) Test Producer

## 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.

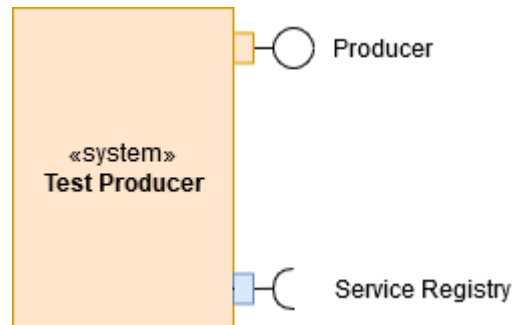
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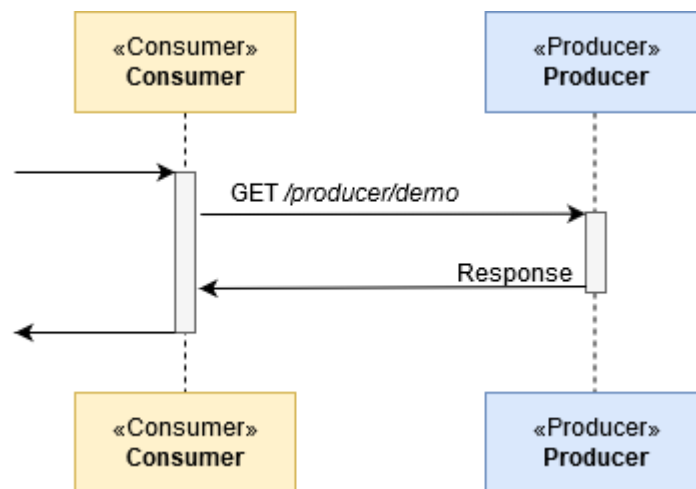
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## 1. System Description Overview

The Test Producer provides a demo REST API which provides some random dummy data. The purpose of this system is to demonstrate how the Arrowhead C# library works.



## 2. Behaviour Diagrams



## 3. System services

### 3.1. Produced Services

Table 2 Pointers to IDD documents

Service	SD Document Reference	IDD Document Reference

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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			