Arrowhead Python Library SysDD

**Abstract**

This document provides an overview on the Arrowhead Python Library within Arrowhead generation 4.0.

1. System Design Description Overview

Table System Information

|  |  |
| --- | --- |
| **Full Name** | Arrowhead Python Library |
| **Owner** | Emil Vidmark, emivid-4@student.ltu.se |

This Library has:

* Three bridges to simplify usage and development of Arrowhead Services in Python.
* Two core classes, provider and consumer, to simplify development of those in a Python environment.

The purpose of this System is therefore to:

* Simplify usage and development of Arrowhead Services in Python.

The purpose of this Library is to simplify development of Arrowhead Services in Python. This is done bridging the three mandatory core services and simplify the usages of these. The library also contains two example classes of a provider and consumer to help developers getting into the usage of the library faster.

1. Services and Use-cases

This System only provides three Core Services:

* Authorization
* Service Registry
* Orchestrator

1. Revision history

# Amendments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Date | Version | Subject of Amendments | Author |
| 1 | 2019-01-02 | G4.0 | Initial | Emil Vidmark |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

# Quality Assurance

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