# DM IFS

# Interface Specification

# DM Interface

# ****Document Id:**** Interface\_Specification\_DM

# Version: ****0.1****

# Modification History

Table 1 1: Modification History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description of Change** |

# 1. Introduction

## **1.1 Background**

## **1.2 Aim of Document**

This interface specification describes definition and description of the interfaces for DM (Document Management) including technical details.

## **1.3 Intended Audience**

The interface specification has to be read by the functional and technical designers of the involved teams, it will be reviewed by the technical architects and signed off the by the team leads. Please refer to the end of this document for a list of involved individuals.

# 2. Functional Interface Specification

## **2.1 General Conventions**

**2.2 Interface**

**2.1.1 API Description**

\* indicates required.

|  |  |  |
| --- | --- | --- |
| Methods | Description | Parameters |
| Document\_Create |  | * *attachment*\* * *type*\* * *characteristic*\* * *sourceApp* * *correlationID* * *type* * *deleteDate* * *aclName* |
| Document\_Update |  | * *characteristic* |

**2.2.2 Request Parameters**

**Document\_Create**

\* indicates required.

|  |  |
| --- | --- |
| Parameter | Description |
| *attachment*\* | An object which complements the description of an element (for instance a product) through video, pictures...\*\*\*   * *content*\* *-* A string type parameter which contains the actual contents of the attachment object in byte format, if embedded, encoded as base64. * *mimeType*\* - A string type parameter which gives the attachment mime type such as extension file for video, picture and document. |
| *characteristic*\* | An array of objects which is a list of name value pairs that define the document characteristics.   * *name –* A string which gives the name of the characteristic. * *value –* A string \*\*\* |
| *sourceApp* | A string type parameter which indicates the name of the source application. |
| *correlationID* | A string data which contains unique identifier for the message which can be used for end to end tracking of the message. |
| *type* | A string type parameter which indicates type of document like vi\_loop, vi\_correspondence. |
| *deleteDate* | A string type parameter of format date-time. Date, when the document can be deleted – optional from interface perspective – but should be provided – otherwise a process has to be defined when the document should be deleted. |
| *aclName* | A string type parameter\*\*\* |

**Document\_Update**

|  |  |
| --- | --- |
| *characteristic* | An array of objects which is a list of name value pairs that define the document characteristics.   * *name –* A string which gives the name of the characteristic. * *value –* A string \*\*\* |

**2.2.3 Response Parameters**

**POST Method**

\* indicates required.

|  |  |  |
| --- | --- | --- |
| Path | Description | Response |
| */document* | This method implements the Document\_Create operation to create the document. | The various responses of this method are listed below.   * *201 –* It indicates that the document was created successfully. It will also refer to the object *RequestId.* Where Request Id will be sent for archiving the document.   + *id*\* *-* A string value which is the Archive id of the archived document. * *400 –* It indicates the Bad Request. * *500 -* It indicates Internal Server Error. |

**GET Method**

|  |  |  |
| --- | --- | --- |
| Path | Description | Response |
| */document/{id}* | This method implements the operation of retrieving the document using the parameter “id”. | The various responses of this method are listed below.   * *200 –* It indicates that the document was retrieved successfully. It will also refer to the object *Attachment.* Which complements the description of an element (for instance a product) through video, pictures...\*\*\* * *400 –* It indicates Bad Request. * *404 –* It indicates the requested document Not Found * *500 -* It indicates Internal Server Error. |

**PATCH Method**

|  |  |  |
| --- | --- | --- |
| Path | Description | Response |
| */*\*\*\* | This method implements *Document\_Update* operation. Which partially updates the document identified by id. | The various responses of this method are listed below.   * *200 –* It indicates that the document was updated successfully. * *400 –* It indicates Bad Request. * *404 –* It indicates the requested document Not Found * *500 -* It indicates Internal Server Error. |