

Attachment API

PROJECT BACKGROUND

Idea: Facets Attachment API

Business Case: Generic Attachment API

Problem Statement:

To insert/update attachment fields into facets at Subscriber/Member/Billing level for any given Style ID current process is not reusable and needs to be modified for any new style id or changes in existing style id, Which increases the redundancy in testing and development effort

Goal Statement:

Attachment Microservice to insert/update attachment fields into facets based on Subscriber ID at Subscriber/Member/Billing level for any given Style ID. To reduce the testing and development effort for all upcoming attachment changes, only BRC needs to be created for any new attachments

SOLUTION IMPLEMENTED

Creating a reusable attachment microservice to insert/update attachment fields into facets based on Subscriber ID at Subscriber/Member/Billing level for any given Style ID and also provides code reusability.

OTHER DETAILS

Idea Logged By: Himanshu S Srivastava

Project/Team Name: UHOne Transformation 2.0

Project Nature: Event Logging Framework

IT Leader: Srinivas Ramsagar

Business Segment: OGS

ADG:

ADG Leader:

Offshore approver: K T, Srikanth

Onsite Approver: N/A

BENEFITS

- No need to create the attachments flows separately for each service.
- Developer can easily use the API using POST/PUT method.
- API is open source , easy to maintain and can be enhanced in future as well.
- Easy to access logs from event tables.
- BRC driven STYLE IDs , Easy to configure for any future Attachments needs.

Financial Impact

Description	Before Improvement	After Improvement	Units	Comments
Attachment Request Per Quarter	2	2	APIs	For each API Attachment requirement per quarter
Custom Event Logging Efforts Per Service	160	8	Hrs.	After development of generic Attachment API ,no testing needs to be done for attachments process separately, Just needs to verify the attachment tables.
Total Effort (Yearly)	(320*4) = 1280	(16*4) =64	Hrs.	(Efforts Per Service*Service Per Quarter)*4
Savings	1216		Hrs.	\$39 per Hrs.
Total Cost Savings: 1216 Hrs			Dollars	\$47,424.00

Other Details

UTILIZATION DETAILS

Attachment Microservice to insert/update attachment fields into facets based on Subscriber ID at Subscriber/Member/Billing level for any given Style ID. To reduce the testing and development effort for all upcoming attachment changes, only BRC needs to be created for any new attachments

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Leveraging Opportunity

This Concept can be implemented in any project where Attachment needs to be done.

SIGN-OFF MAIL



FW: The Bright Idea Event Logging Framework for Mule Services Approved By Black Belt (To be Implemented By Srivastava Himanshu S(Facets))msg



RE: The Bright Idea Event Logging Framework for Mule Services Approved By Black Belt (To be Implemented By Srivastava Himanshu S(Facets))msg