MEISTER 2.0 ANALYTICS TRANSACTIONS

MEISTER V2.0 SUITE

Andre Rosenthal

Gateway Architects, LLC

2600 Dallas Parkway suite # 600, Frisco, TX

Table of Contents

Product Document

Document Name:	Meister Transactional Analytics 2.0
Document ID:	MV2SDK0005
Document Owner:	Andre Rosenthal
Document Version:	1.0
Document Date:	Saturday, 24 August 2019
Document Status:	Draft

Introduction

Meister Suite introduces the concept of Analytics as transactions where the UX could just call an endpoint for context sensitive analytics and expect the response as a regular Json document.

Business Benefits

From a business standpoint it should be immaterial where the execution of the endpoint is provided it does what is needed. As such, having the ability to call into SAP BW as if it was nothing else by yet another cog on the engine is of huge gain not only as it increases agility but also as a reduction of change management.

Agility

As the SDK is capable of creating an endpoint at specific backends regardless of their unique reason for deployment, any call crafted by the SDK could run either on the ERP system or the BW system and the only denominator being the size of the Response envelope. With that in mind, Meister merges the ERP with the data warehouse and gives the UX layer a common endpoint where the Request is executed, and a Response is provided.

From Script to execution

Given that analytics could produce a larger response than transactional endpoints, it is suggested that the solution architect works with the support of the compression models provided by Meister to allow for a larger content to be correctly received by the UX layer without detriment in performance. Being the size the only constraints of the strategy solution, the tactics remain the same as if the call was a pure transactional endpoint, and once again the solutions architect could just scaffold the response into a test seed for the sake of UX syntax check.

Conversational Transaction with Analytics

The solution leverages Meister ubiquitous endpoint generation to provide either a full transactional response, a full analytics response, of a mix of these. It is just a matter of how the ABAP team would populate the response Json document and no longer a matter of data residence and uniqueness of structures but a matter of

pure architecture design. In terms of a mixed payload, Meister calls could start at the ERP system, then move over the BW node, and returned to the ERP before being finally sent to the UX layer, or vice-versa.