

2020-12-08 DM - Analytic Models and Code Efficiency

Date

08 Dec 2020

Attendees

- [Mandy Chessell](#)

Goals

- Analytical models review in Open Metadata/Egeria
- Optimizations/efficiency as part of the design for components

Discussion items

Time	Item	Who	Notes
10min	Introductions	Maryna	
60 mins	Analytic Models	Mandy	
40mins	Code efficiencies	Maryna	
10 mins	Wrap-up	Maryna	

Notes

Analytic Models

- 0265 Analytics Assets
- 0280 Software Development Assets
- 0281 Software module is collection of components that make up software
- 0282 Release software component
 - source component relationship to asset
- 0285 Analytics Development Assets
 - AnalyticsModel (managedModel)
 - AnalyticsProject related to 0130 Projects
 - AnalyticsModelExperiment (modelProject)
 - ChampionRole in AnalyticsModuleExperiment
- 0525 Analytic variables
 - variables onto process
 - variables related to AnalyticModel
- Update model from [Mandy Chessell](#) and send out for review.

Code Efficiencies

- [Ljupcho Palashevski](#) & [Chris Grote](#) optimal way of asset/scanner pattern.
- Access services do initial load? still optimal?
- context needed in load use cases.
- caching to manage state/information in OMAS.
- creative ways to solve the paging problem?
 - knowing when you have the last piece vs return same multiple times.
- doing this at the enterprise services level.
 - more knowledge than the OMAS has.
 - index would be at that level.
- Needs more discussion/steps for reducing duplicate when/if possible.
- Asset lineage optimizations maybe in short term?
- How often do we do slow initial-load, but how often down the time line?
- Banking example: for 2500 cols, get table, schema, db, etc. 2500 times as example.
 - can we change that to make 1 call for table, schema, db instead of 2500
- 40 hours to build full lineage picture on initial, then add in processes non-optimal becoming a bigger issues.
 - optimize on sub-set of technical assets.
- Keep topics live!
- Let's build initial, and tackle maybe in Jan 2021 optimizations for this from [Maryna Strelchuk](#)

Review Materials



Action items

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