Application Data [Client Specific]

> (i) *... application data are behavioural data, which are generated by the use of business processes (user and system interactions with the application)*
>
> - **data location**: locations where data reside
> - **data identification**: all behavioural data generated by system (results of pControl and ETL workflow), user (user actions in pControl and ETL workflow), and system and user together (mixed, collaborative behaviour)
>   - these are generally all data after the ETL processing of raw input data have been completed and supplied to application for business processes
>   - user actions during onboarding include any parameters that clients decide (their preferred static values to be used by pControl)
>   - preferred tolerances (l200 table)
>   - system action during onboarding include any parameters set by MG employees (clients do not care what static values pControl is using)
>   - entity structure (t101 table)
> - **data extraction**: means of retrieving data

Data Location

- System : pControl
- Server : A-EUW-GEN03-H3A (GEN_PROD_DB)
- Database : pControl_gen
  - Generali use mssql server

Data Identification

client-specific application data

- the specific application data for Generali will be identified by locating the necessary data fields when defining experiments

standard application data

- app tables
  - t291_fund_summary
  - t311_unit_price
  - t312_entity_price
  - t330_override_event
  - t588_comment
  - t950_audit_log
- pControl tables
  - p130_distribution_register
  - p200_product_valid
  - p202_holding_valid
  - p204_transaction_valid
  - p206_entity_valid
  - p208_acc_balance_valid
  - p210_capital_flow_valid
  - p213_category_valid
  - p215_pending_sett_valid
  - p217_multi_leg_master_holding
  - p219_fee_validation_details
  - p299_validation_detail
  - p900_outage_declaration
- export tables
  - u141_unit_prices
  - u142_investment_holdings
  - u143_registry_balance
  - u583_price_data
  - u584_override_data
  - U589_ACTIVE_VALIDATIONS

Data Extraction

user actions

- retrieval of user actions from status stream (workflow)

- select t004.name as status_stream, t002s.code as start_state, t002e.code as end_state
- from [dbo].[t003_state_transition_def] t003
- join [dbo].[t004_status_stream_def] t004 on t004.[status_stream_def_id] = t003.status_stream_id
- join [t002_state_def] t002s on t003.start_state = t002s.state_definition_id
- join [t002_state_def] t002e on t003.end_state = t002e.state_definition_id
- where t003.web_permissions=0 order by 1, 2, 3

Known Issues

- *What are the all business tables that contain the change of state (user actions)?*
  - Is it only t009 and t001 or there are more?
- *When do we create the application tables for fund oversight product, is this during client onboarding?*
  - A new fund needs to be defined in t101, t102, and t110 tables to build structure and hierarchy, but when does it happen?
  - We believe this is a system parameter, it must be created during client onboarding and before clients start to use pControl product

Next Steps