**ECR Comparison Report**

**Overview**

Ramco.Plf.Doc.Analyzer is a desktop application used to generate comparison report between two ECRs for customer, project, and component within a platform model.

**Steps**

1. Give model server, sql username (read only / select user) and password.
2. Select model database name (Rvw20AppDb)
3. In ECR Details section, give customer and project name
4. For comparing Base / current downloaded ecr with any published ecr number –
   1. In ECR1 give values as **“BASE”**
   2. If last published ECR number is unknown, give ECR2 give value as **“Last”**
5. If ECR1 is BASE and ECR2 is Last, then component is mandatory. If both ECR1 and ECR2 are published, then component name is optional
6. Give activity and UI name, if comparison to be filtered for any specific activity / UI. Both are optional fields and can be left as blank if comparison to done at component level
7. Comparison report can be generated for any selected / all parameters.
8. Graphical user interface

   Description automatically generatedSelect / give folder path for Outpath Directory for generating excel report.

**Comparison Parameter**

Users can select one or more comparison parameter(s) to generate report. Below is the list of comparison parameters with its usage

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| Parameters | Usage |
| SERVICES | Compares service attributes – Service name is key and comparison fields are service type, is integration service and bubble message |
| PS-METHODS | Compares Process Section and Method Mappings – Service name, process section name, method id and method sequence are key, Comparison fields process section type, process section sequence, control expression for process section execution, processing type, method name, integration service name, control expression for method / integration service, method operation type, method stored procedure name |
| METHOD PARAMETERS | Compares Method, Method Parameters and Segment Data Item – Service name, process section name, method id, process section sequence and method parameter are key. Comparison fields are segment name, data item name, segment instance, mandatory flag, flow attribute, default value, logical parameter name, parameter sequence, record set name, record set sequence, business term name, precision type name, data type and total length |
| SEGMENT CONTROL MAPPINGS | Compares Segment data item and control mapping – Activity name, UI name, task name, service name, segment name and data item name are key. Control Id and View name are comparison fields |
| INTEG SERVICE MAPPINGS | Compares integration service data items mappings |
| ERRORS | Compares Method Error Mapping – Method id and Error id are key. Error message is comparison field |
| PAGES | Compares pages attributes – Page name is key – Page type, horizontal order, vertical order are comparison fields |
| SECTIONS | Compares sections attributes – Page and Section name are key – Parent section name, border required, title required, visible flag, horizontal order, vertical order, height, width, section type, section collapse, collapse mode are comparison fields |
| CONTROLS | Compare controls and column attributes – BT Synonym, control type, horizontal order, vertical order, and column sequence are comparison fields |
| PUB-SUB | Compares resolved link attributes – Subscription - activity name, ui name, data items, control id and view name are key. Publication – activity name, ui name, data item, control id, view name and flow direction are comparison fields |
| FOLLOWUP TASK | Compares follow-up tasks |
| STATES | Compares platform state definitions for pages, sections, controls and grid columns |