

Reports Configuration Guide
Oracle Banking Digital Experience
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Reports Configuration Guide

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1. Preface

1.1 Purpose

Welcome to the User Guide for Oracle Banking Digital Experience. This guide explains the operations that the user will follow while using the application.

1.2 Audience

This manual is intended for Customers and Partners who setup and use Oracle Banking Digital Experience.

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit, <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

1.4 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1.6 Conventions

The following text conventions are used in this document:

Convention	Meaning
------------	---------

boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>Italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1.7 Screenshot Disclaimer

The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

1.8 Acronyms and Abbreviations

The list of the acronyms and abbreviations that you are likely to find in the manual are as follows:

Abbreviation	Description
OBDX	Oracle Banking Digital Experience

2. Adding a New Report

1. Create UI component with required criteria fields for that new report. This criteria fields will be available once the report is selected from drop down. Currently each report has 2 fields are common. (Report Name , Report Format)

← Futura Bank

Q What would you like to do today?

Generate Report

Adhoc Scheduled

Report Name Select Report Type Required

Generate Report Cancel Clear

↑ Futura Bank

Q What would you like to do today?

Generate Report

Adhoc Schedule

Report Name Date wise User creation Re... Required

Report Format Select Report Format Required

Party ID Required

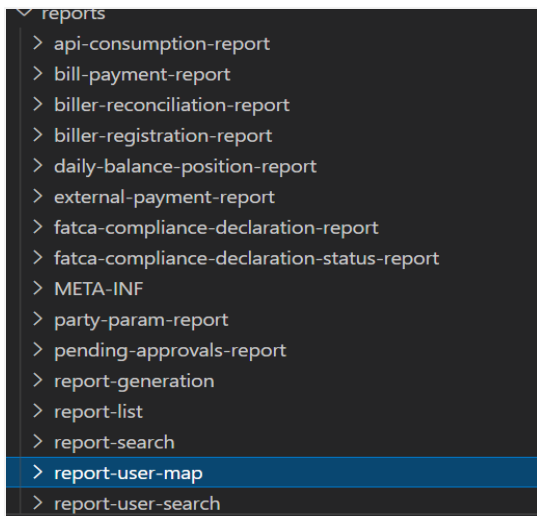
User Type Select Required

Duration Start Date Required End Date Required

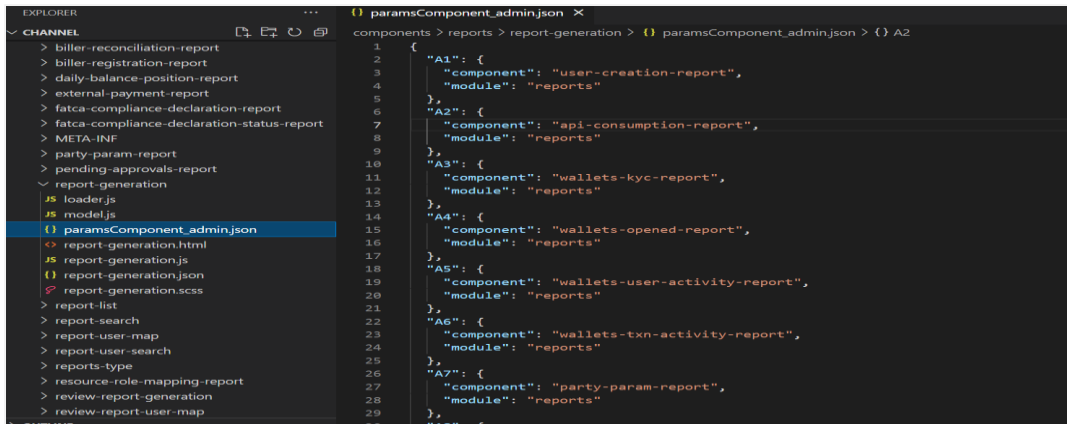
Generate Report Cancel Clear

Tips

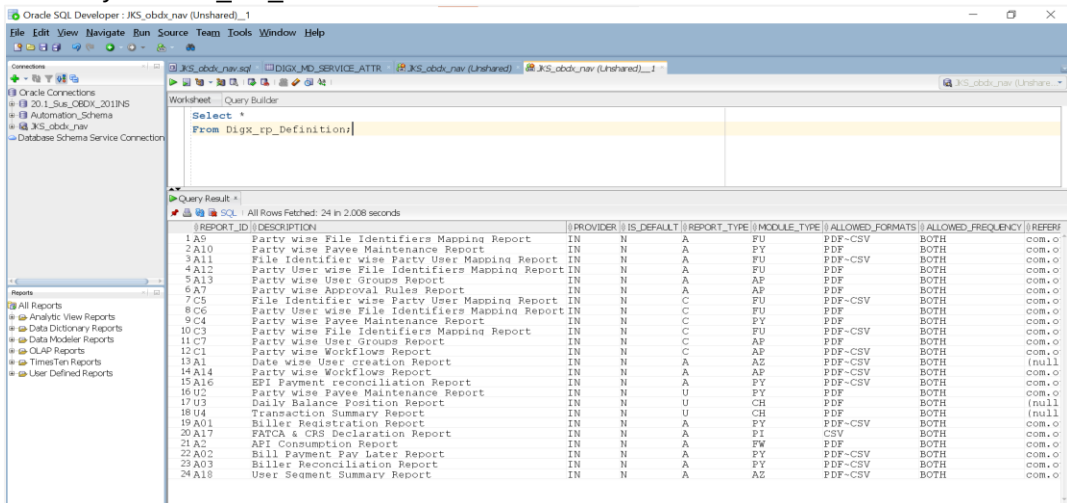
With this option, you can generate adhoc reports which are internal or related to customers. You need to select the Report Name, Frequency, Duration and Format in which you want to generate it. Once submitted you can view and download the generated reports from My Reports option.



2. Add Entry **ParamsComponent_admin.json** for new report. This will pick up your new report component once it is selected from drop down.



3. Add entry in DIGX_RP_DEFINITION table-

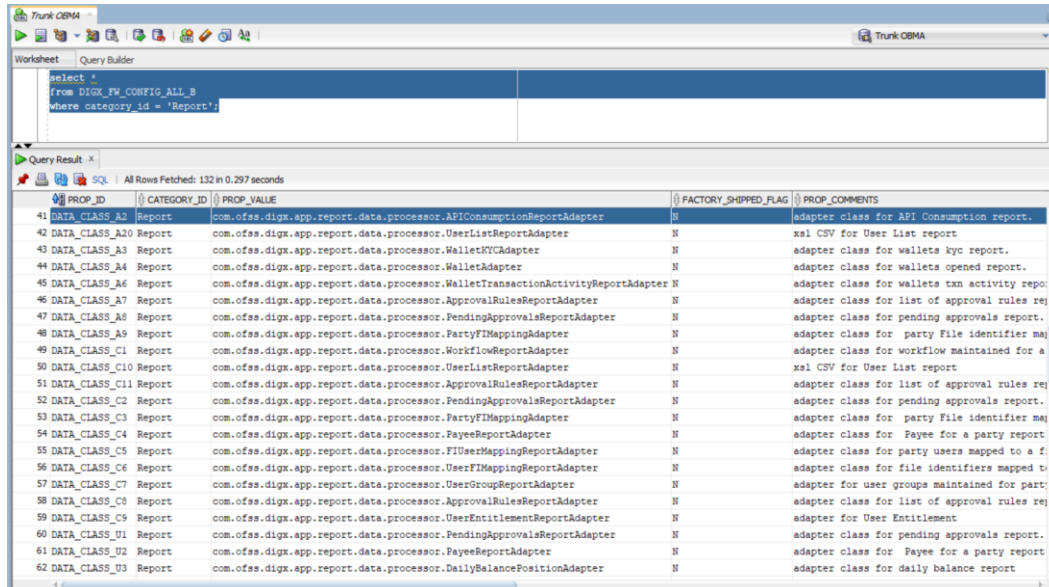


select *

from DIGX_FW_CONFIG_ALL_B

where category_id = 'Report';

Add entry for adapter for IN-'Internal Report'



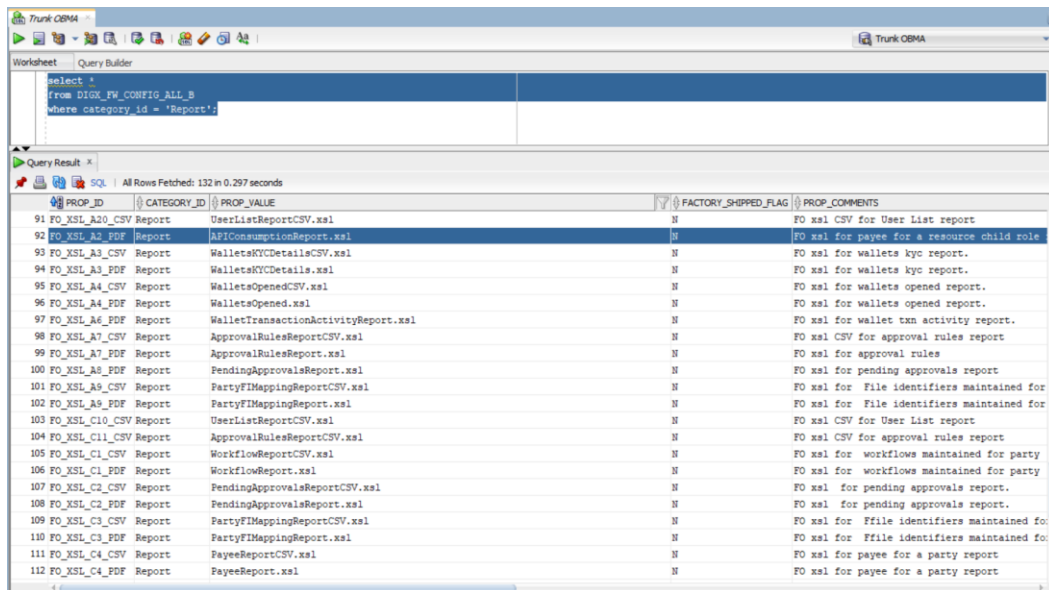
The screenshot shows the Trunk OBMA Query Builder interface. The SQL query in the Query Builder is:

```
select *
from DIGX_FW_CONFIG_ALL_B
where category_id = 'Report';
```

The Query Result shows 132 rows fetched in 0.297 seconds. The results are displayed in a table with the following columns: PROP_ID, CATEGORY_ID, PROP_VALUE, FACTORY_SHIPPED_FLAG, and PROP_COMMENTS.

PROP_ID	CATEGORY_ID	PROP_VALUE	FACTORY_SHIPPED_FLAG	PROP_COMMENTS
41 DATA_CLASS_A2	Report	com.ofss.digx.app.report.data.processor.APIConsumptionReportAdapter	N	adapter class for API Consumption report.
42 DATA_CLASS_A20	Report	com.ofss.digx.app.report.data.processor.UserListReportAdapter	N	xsl CSV for User List report
43 DATA_CLASS_A3	Report	com.ofss.digx.app.report.data.processor.WalletKYCAdapter	N	adapter class for wallets kyc report.
44 DATA_CLASS_A4	Report	com.ofss.digx.app.report.data.processor.WalletAdapter	N	adapter class for wallets opened report.
45 DATA_CLASS_A6	Report	com.ofss.digx.app.report.data.processor.WalletTransactionActivityReportAdapter	N	adapter class for wallets txn activity report.
46 DATA_CLASS_A7	Report	com.ofss.digx.app.report.data.processor.ApprovalRulesReportAdapter	N	adapter class for list of approval rules report.
47 DATA_CLASS_A8	Report	com.ofss.digx.app.report.data.processor.PendingApprovalsReportAdapter	N	adapter class for pending approvals report.
48 DATA_CLASS_A9	Report	com.ofss.digx.app.report.data.processor.PartyFIMMappingAdapter	N	adapter class for party File identifier map
49 DATA_CLASS_C1	Report	com.ofss.digx.app.report.data.processor.WorkflowReportAdapter	N	adapter class for workflow maintained for a
50 DATA_CLASS_C10	Report	com.ofss.digx.app.report.data.processor.UserListReportAdapter	N	xsl CSV for User List report
51 DATA_CLASS_C11	Report	com.ofss.digx.app.report.data.processor.ApprovalRulesReportAdapter	N	adapter class for list of approval rules report.
52 DATA_CLASS_C2	Report	com.ofss.digx.app.report.data.processor.PendingApprovalsReportAdapter	N	adapter class for pending approvals report.
53 DATA_CLASS_C3	Report	com.ofss.digx.app.report.data.processor.PartyFIMMappingAdapter	N	adapter class for party users mapped to a f
54 DATA_CLASS_C4	Report	com.ofss.digx.app.report.data.processor.PayeeReportAdapter	N	adapter class for Payee for a party report
55 DATA_CLASS_C5	Report	com.ofss.digx.app.report.data.processor.FIMMappingReportAdapter	N	adapter class for file identifiers mapped to
56 DATA_CLASS_C6	Report	com.ofss.digx.app.report.data.processor.UserFIMMappingReportAdapter	N	adapter class for user groups maintained for
57 DATA_CLASS_C7	Report	com.ofss.digx.app.report.data.processor.ApprovalRulesReportAdapter	N	adapter class for list of approval rules report.
58 DATA_CLASS_C8	Report	com.ofss.digx.app.report.data.processor.ApprovalRulesReportAdapter	N	adapter class for list of approval rules report.
59 DATA_CLASS_C9	Report	com.ofss.digx.app.report.data.processor.UserEntitlementReportAdapter	N	adapter for User Entitlement
60 DATA_CLASS_U1	Report	com.ofss.digx.app.report.data.processor.PendingApprovalsReportAdapter	N	adapter class for pending approvals report.
61 DATA_CLASS_U2	Report	com.ofss.digx.app.report.data.processor.PayeeReportAdapter	N	adapter class for Payee for a party report
62 DATA_CLASS_U3	Report	com.ofss.digx.app.report.data.processor.DailyBalancePositionAdapter	N	adapter class for daily balance report

Add entry for XSL created for Internal Report



The screenshot shows the Trunk OBMA Query Builder interface. The SQL query in the Query Builder is:

```
select *
from DIGX_FW_CONFIG_ALL_B
where category_id = 'Report';
```

The Query Result shows 132 rows fetched in 0.297 seconds. The results are displayed in a table with the following columns: PROP_ID, CATEGORY_ID, PROP_VALUE, FACTORY_SHIPPED_FLAG, and PROP_COMMENTS.

PROP_ID	CATEGORY_ID	PROP_VALUE	FACTORY_SHIPPED_FLAG	PROP_COMMENTS
91 FO_XSL_A20_CSV	Report	UserListReportCSV.xsl	N	FO xsl CSV for User List report
92 FO_XSL_A3_PDF	Report	APIConsumptionReport.xsl	N	FO xsl for payee for a resource child role
93 FO_XSL_A3_CSV	Report	WalletsKYCDetailsCSV.xsl	N	FO xsl for wallets kyc report.
94 FO_XSL_A3_PDF	Report	WalletsKYCDetails.xsl	N	FO xsl for wallets kyc report.
95 FO_XSL_A4_CSV	Report	WalletsOpenedCSV.xsl	N	FO xsl for wallets opened report.
96 FO_XSL_A4_PDF	Report	WalletsOpened.xsl	N	FO xsl for wallets opened report.
97 FO_XSL_A6_PDF	Report	WalletTransactionActivityReport.xsl	N	FO xsl for wallet txn activity report.
98 FO_XSL_A7_CSV	Report	ApprovalRulesReportCSV.xsl	N	FO xsl CSV for approval rules report.
99 FO_XSL_A7_PDF	Report	ApprovalRulesReport.xsl	N	FO xsl for approval rules
100 FO_XSL_A8_PDF	Report	PendingApprovalsReport.xsl	N	FO xsl for pending approvals report
101 FO_XSL_A9_CSV	Report	PartyFIMMappingReportCSV.xsl	N	FO xsl for File identifiers maintained for
102 FO_XSL_A9_PDF	Report	PartyFIMMappingReport.xsl	N	FO xsl for File identifiers maintained for
103 FO_XSL_C10_CSV	Report	UserListReportCSV.xsl	N	FO xsl CSV for User List report
104 FO_XSL_C11_CSV	Report	ApprovalRulesReportCSV.xsl	N	FO xsl CSV for approval rules report.
105 FO_XSL_C1_CSV	Report	WorkflowReportCSV.xsl	N	FO xsl for workflows maintained for party
106 FO_XSL_C1_PDF	Report	WorkflowReport.xsl	N	FO xsl for workflows maintained for party
107 FO_XSL_C2_CSV	Report	PendingApprovalsReportCSV.xsl	N	FO xsl for pending approvals report.
108 FO_XSL_C2_PDF	Report	PendingApprovalsReport.xsl	N	FO xsl for pending approvals report.
109 FO_XSL_C3_CSV	Report	PartyFIMMappingReportCSV.xsl	N	FO xsl for File identifiers maintained for
110 FO_XSL_C3_PDF	Report	PartyFIMMappingReport.xsl	N	FO xsl for File identifiers maintained for
111 FO_XSL_C4_CSV	Report	PayeeReportCSV.xsl	N	FO xsl for payee for a party report
112 FO_XSL_C4_PDF	Report	PayeeReport.xsl	N	FO xsl for payee for a party report

4. Add adapter with extension **AbstractReportDataGenerator** implements **IReportDataAdapter** and override **generateReport()** method


```

18
19 public class APIConsumptionReportAdapter extends AbstractReportDataGenerator implements IReportDataAdapter {
20
21     @Override
22     public byte[] generateReport(ReportRequestDomainDTO reportReqDTO) throws Exception {
23         byte[] dataByte = null;
24         IAdapterFactory adapterFactory = AdapterFactoryConfigurator.getInstance()
25             .getAdapterFactory(CommonAdapterFactoryConstants.API_CONSUMPTION_REPORT_ADAPTER_FACTORY);
26
27         IAPIConsumptionReportAdapter adapter = (IAPIConsumptionReportAdapter) adapterFactory
28             .getAdapter(CommonAdapterFactoryConstants.API_CONSUMPTION_REPORT_ADAPTER);
29         SessionContext sessionContext = (SessionContext) ThreadAttribute.get(ThreadAttribute.SESSION_CONTEXT);
30         APIAuditListRequestDTO listRequestDTO = new APIAuditListRequestDTO();
31
32         SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
33
34         if (reportReqDTO.getParamMap().get("startDate") != null) {
35             listRequestDTO.setStartDate(new Date(sdf.parse(reportReqDTO.getParamMap().get("startDate")).toString()));
36         }
37
38         if (reportReqDTO.getParamMap().get("endDate") != null) {
39             listRequestDTO.setEndDate(new Date(sdf.parse(reportReqDTO.getParamMap().get("endDate")).toString()));
40         }
41         if (reportReqDTO.getParamMap().get("apiFrequency") != null) {
42             listRequestDTO.setFrequency(
43                 APIReportFrequency.valueOf(reportReqDTO.getParamMap().get("apiFrequency").toString());
44         }
45         if (reportReqDTO.getParamMap().get("partyId") != null) {
46             listRequestDTO.setPartyId(reportReqDTO.getParamMap().get("partyId").toString());
47

```

5. Use this adapter to work on parameter and get the data for report and provide data to applyXSLFO method.

```

ReportResponseDomainDTO repResp = new ReportResponseDomainDTO();
repResp.setDto(adapter.listAPIConsumption(sessionContext, listRequestDTO));

repResp.setParamMap(reportReqDTO.getParamMap());

dataByte = super.applyXSLFO(repResp, reportReqDTO, ReportResponseDomainDTO.class,
    APIAuditListResponseDTO.class);
return dataByte;
}

```

6. Once all the steps are done , Just map the report to your user and Start using it.