

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

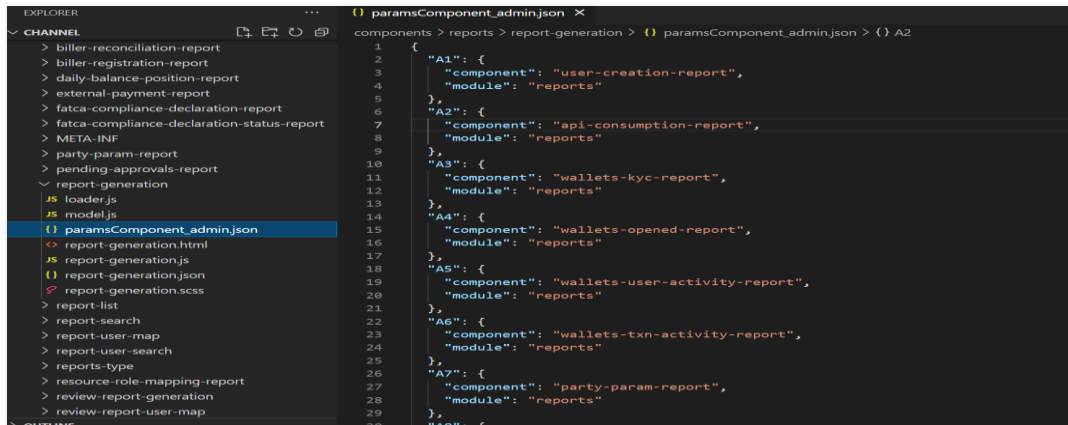
1. Create UI component with required criteria fields for that new report. This criteria fields will be available once the report is selected from drop down. Currently each report has 2 fields are common. (Report Name , Report Format)

The screenshot shows the 'Reports' section of the Futura Bank interface. The 'ADHOC' tab is selected. The form includes a 'Report Name' dropdown menu with the placeholder text 'Select Report Type'. Below the form are three buttons: 'Generate Report' (blue), 'Cancel' (dark grey), and 'Clear' (light blue).

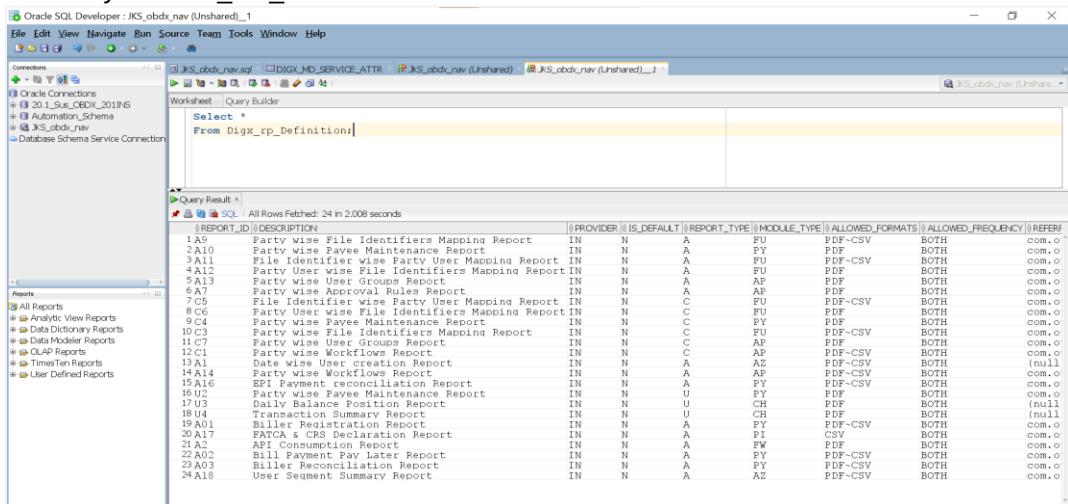
This screenshot shows the 'Reports' section with more criteria fields filled in. The 'Report Name' dropdown is set to 'Date wise User creation Report'. The 'Report Format' dropdown is set to 'Select Report Format'. There are also fields for 'Party ID', 'User Type' (set to 'Select'), and 'Duration' (with 'From' and 'To' date pickers). The same 'Generate Report', 'Cancel', and 'Clear' buttons are present. On the right, a 'Tips' box provides instructions on how to generate adhoc reports.

- reports
 - > api-consumption-report
 - > bill-payment-report
 - > biller-reconciliation-report
 - > biller-registration-report
 - > daily-balance-position-report
 - > external-payment-report
 - > fatca-compliance-declaration-report
 - > fatca-compliance-declaration-status-report
 - > META-INF
 - > party-param-report
 - > pending-approvals-report
 - > report-generation
 - > report-list
 - > report-search
 - > report-user-map
 - > report-user-search

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-

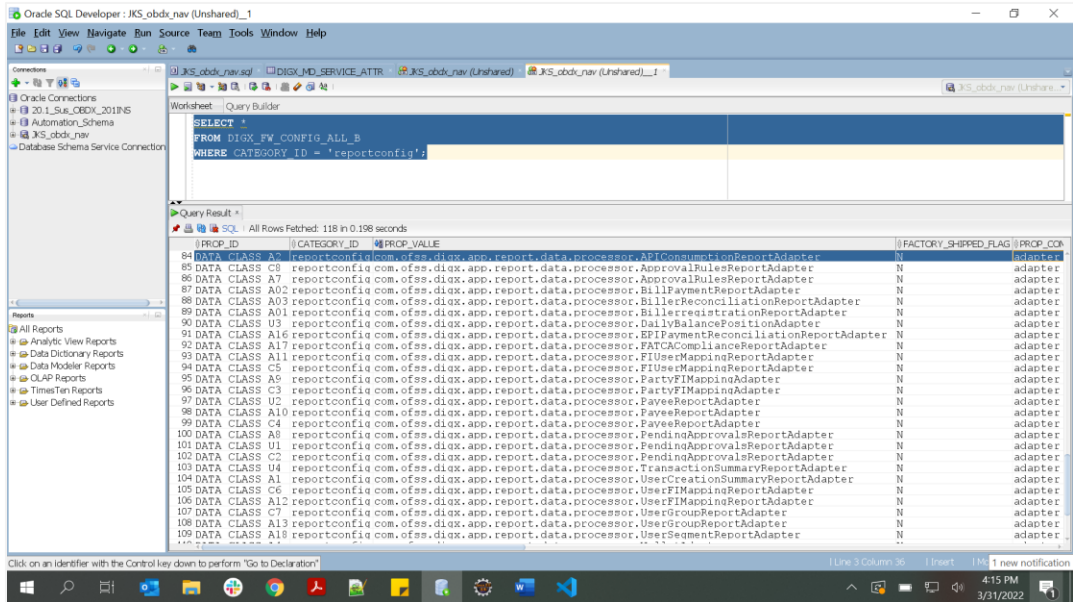


SELECT *

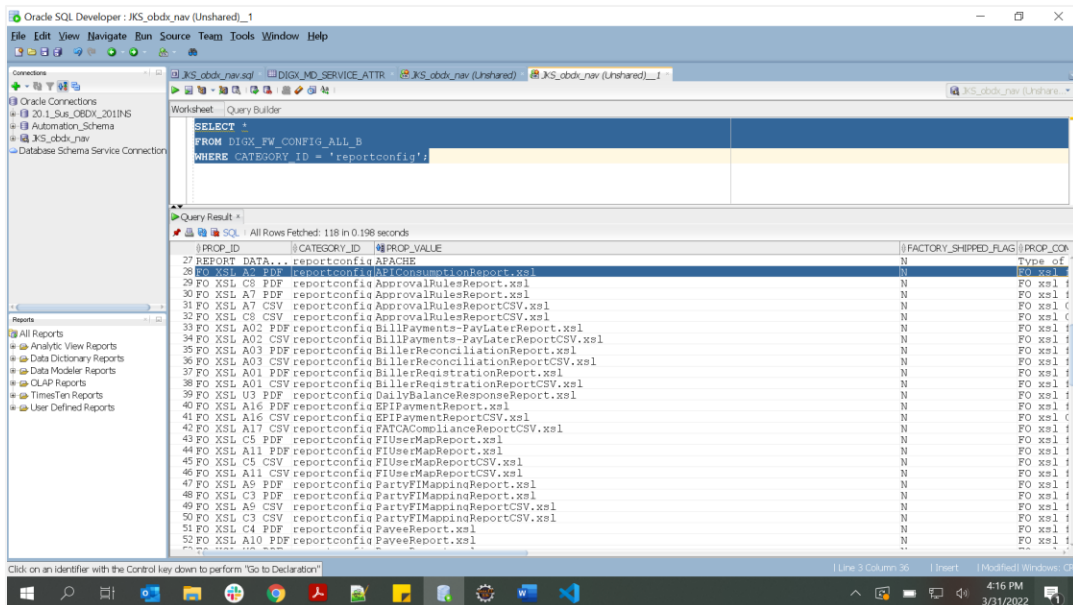
FROM DIGX_FW_CONFIG_ALL_B

WHERE CATEGORY_ID = 'reportconfig';

Add entry for adapter for IN-'Internal Report'



Add entry for XSL created for Internal 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.