

Reports Configuration Guide
Oracle Banking Digital Experience
Patchset Release 22.2.5.0.0

Part No. F72987-01

October 2024

Reports Configuration Guide

October 2024

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (East)

Mumbai, Maharashtra 400 063

India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax:+91 22 6718 3001

www.oracle.com/financialservices/

Copyright © 2006, 2024, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Table of Contents

1. Preface.....	1–1
1.1 Purpose	1–1
1.2 Audience.....	1–1
1.3 Documentation Accessibility.....	1–1
1.4 Critical Patches.....	1–1
1.5 Diversity and Inclusion.....	1–1
1.6 Conventions.....	1–1
1.7 Screenshot Disclaimer.....	1–2
1.8 Acronyms and Abbreviations.....	1–2
2. Adding a New Report.....	2–1

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:

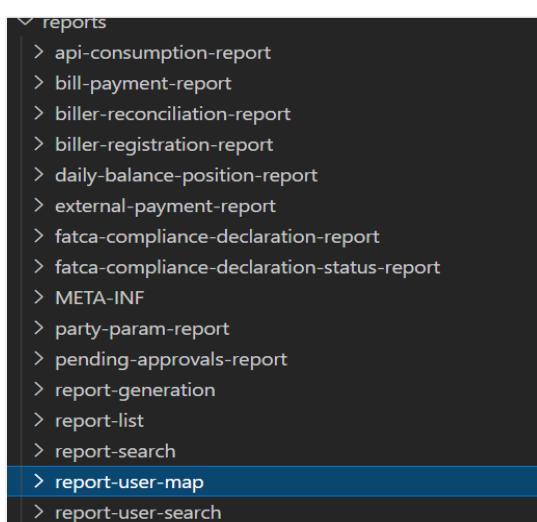
Abbreviation	Description
OBDX	Oracle Banking Digital Experience

2. Adding a New Report

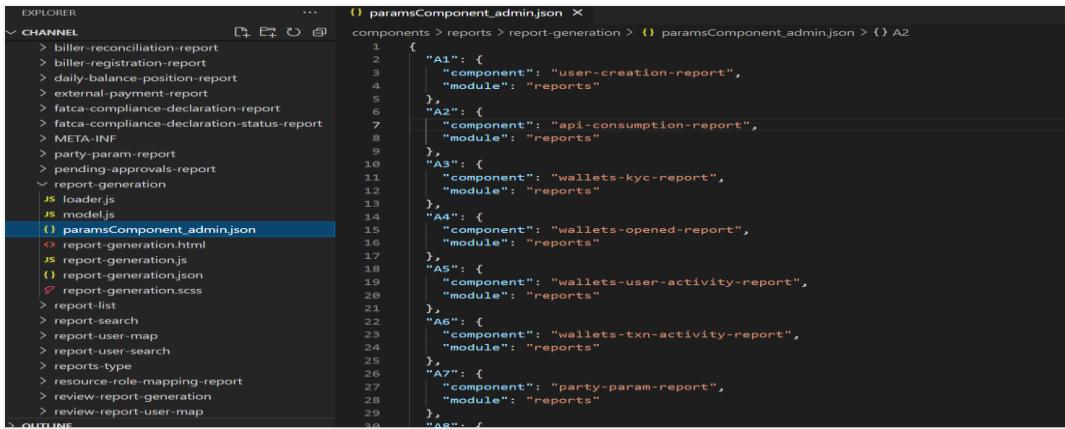
1. Create UI component with required criteria fields for that new report. This criteria fields will be available once the report is selected from drop down. Currently each report has 2 fields are common. (Report Name , Report Format)

The screenshot shows a web-based application interface for generating reports. At the top, there's a navigation bar with a user dropdown set to 'auditadmin'. Below it is the 'futura bank' logo and the word 'Reports'. A horizontal menu bar has 'ADHOC' selected and 'Schedule' as an option. Under 'ADHOC', there are two input fields: 'Report Name' containing 'Select Report Type' and 'Report Format' also containing 'Select Report Type'. Below these are three buttons: 'Generate Report' (blue), 'Cancel' (grey), and 'Clear' (light blue).

This screenshot shows the same 'Reports' page as above, but with more detailed configuration options under the 'ADHOC' tab. The 'Report Name' field now contains 'Date wise User creation Report'. The 'Report Format' field is set to 'Select Report Format'. The 'Party ID' section includes a 'User Type' dropdown. The 'Duration' section features date pickers for 'From' and 'To'. On the right side, there's a 'Tips' callout box with an icon of a lightbulb and a small flag. The text inside the box explains that this option allows generating adhoc reports related to customers by selecting Report Name, Frequency, Duration, and Format.



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

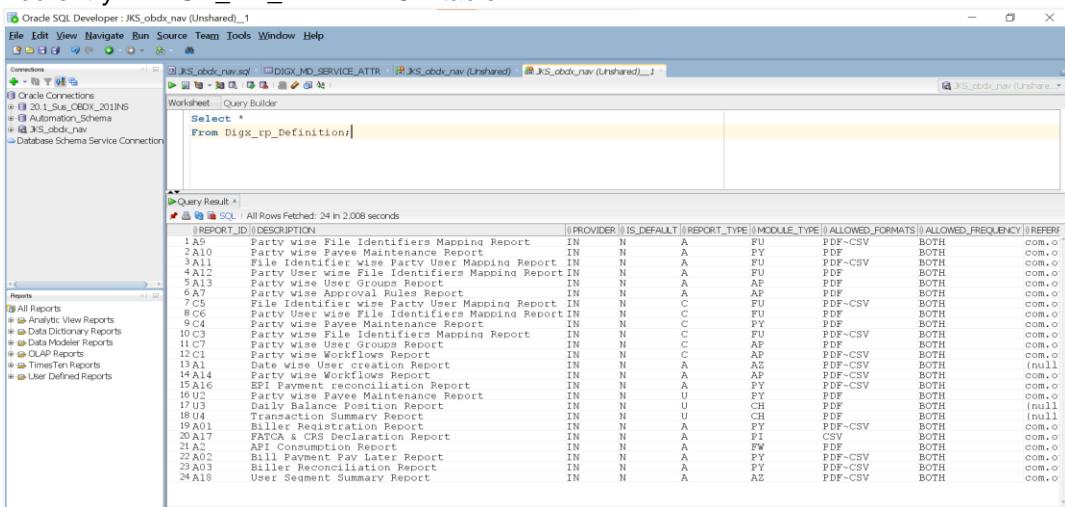


```

EXPLORER ... paramsComponentAdmin.json
CHANNEL ...
  > 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
    JS loader.js
    JS model.js
  (1) paramsComponentAdmin.json
  < report-generation.html
  JS report-generation.js
  (1) report-generation.json
  (1) report-generation.scss
  > report-list
  > report-search
  > report-user-map
  > report-user-search
  > reports-type
  > resource-role-mapping-report
  > review-report-generation
  > review-report-user-map
  > OUTLINE

```

3. Add entry in **DIGX_RP_DEFINITION** table-



REPORT_ID	DESCRIPTION	PROVIDER	IS_DEFAULT	REPORT_TYPE	MODULE_TYPE	ALLOWED_FORMATS	ALLOWED_FREQUENCY	REFER
1A9	Party wise File Identifiers Mapping Report	IN	N	A	FU	PDF~CSV	BOTH	com.o
2A10	Party wise Favve Maintenance Report	IN	N	A	PY	PDF	BOTH	com.o
3A11	File Identifier wise Party User Mapping Report	IN	N	A	FU	PDF~CSV	BOTH	com.o
4A12	Party User wise File Identifiers Mapping Report	IN	N	A	FU	PDF	BOTH	com.o
5A13	Party wise User Groups Report	IN	N	A	AP	PDF	BOTH	com.o
6A14	Party wise Agent Groups Report	IN	N	A	AP	PDF	BOTH	com.o
7C5	File Identifier wise Party User Mapping Report	IN	N	C	FU	PDF~CSV	BOTH	com.o
8C6	Party User wise File Identifiers Mapping Report	IN	N	C	FU	PDF	BOTH	com.o
9C4	Party wise Favve Maintenance Report	IN	N	C	PY	PDF	BOTH	com.o
10C5	File Identifier wise Agents Mapping Report	IN	N	C	FU	PDF~CSV	BOTH	com.o
11C7	Party wise User Groups Report	IN	N	C	AP	PDF	BOTH	com.o
12C1	Party wise Workflows Report	IN	N	C	AP	PDF~CSV	BOTH	com.o
13A1	Data Modeler Reports	IN	N	A	AZ	PDF	BOTH	(null)
14A14	Party wise Workflows Report	IN	N	A	AP	PDF~CSV	BOTH	com.o
15A16	EPI Payment reconciliation Report	IN	N	A	PY	PDF~CSV	BOTH	com.o
16U2	Party wise Favve Maintenance Report	IN	N	U	PY	PDF	BOTH	com.o
17U3	Day wise Favve Maintenance Report	IN	N	U	CH	PDF	BOTH	(null)
18U4	Transaction Summary Report	IN	N	U	CH	PDF	BOTH	(null)
19A01	Biller Registration Report	IN	N	A	PY	PDF~CSV	BOTH	com.o
20A17	FATCA_CRS Declaration Report	IN	N	A	PY	PDF~CSV	BOTH	com.o
21A1	API Consumption Report	IN	N	A	PW	PDF	BOTH	com.o
22A02	Bill Payment Pay Later Report	IN	N	A	PY	PDF~CSV	BOTH	com.o
23A03	Bill Reconciliation Report	IN	N	A	PY	PDF~CSV	BOTH	com.o
24A18	User Segment Summary Report	IN	N	A	AZ	PDF~CSV	BOTH	com.o

SELECT *

FROM DIGX_FW_CONFIG_ALL_B

WHERE CATEGORY_ID = 'reportconfig';

Add entry for adapter for IN-'Internal Report'

Oracle SQL Developer : JKS_odbx_nav (Unshared)_1

File Edit View Navigate Run Source Team Tools Window Help

Connections Oracle Connections 20.1_Sue_ODBX_2011NS JKS_odbx_nav Database Schema Service Connection

Worksheet Query Builder

```
SELECT *
FROM DIGX_FW_CONFIG_ALL_B
WHERE CATEGORY_ID = 'reportconfig';
```

Query Result

PROP_ID	CATEGORY_ID	PROP_VALUE	FACTORY_SHIPPED_FLAG	PROP_TYPE
84	DATA_CLASS_A7	reportconfig/com.ofss.digx.app.report.data.processor.APIConsumptionReportAdapter	N	adapter
85	DATA_CLASS_C9	reportconfig/com.ofss.digx.app.report.data.processor.ApprovalRulesReportAdapter	N	adapter
86	DATA_CLASS_A7	reportconfig/com.ofss.digx.app.report.data.processor.ApprovalRulesReportAdapter	N	adapter
87	DATA_CLASS_A02	reportconfig/com.ofss.digx.app.report.data.processor.BillerReconciliationReport	N	adapter
88	DATA_CLASS_A03	reportconfig/com.ofss.digx.app.report.data.processor.BillerReconciliationReportAdapter	N	adapter
89	DATA_CLASS_A01	reportconfig/com.ofss.digx.app.report.data.processor.BillerRegistrationReportAdapter	N	adapter
90	DATA_CLASS_U3	reportconfig/com.ofss.digx.app.report.data.processor.DailyBalancePositionAdapter	N	adapter
91	DATA_CLASS_A16	reportconfig/com.ofss.digx.app.report.data.processor.EFTPaymentReconciliationReportAdapter	N	adapter
92	DATA_CLASS_A10	reportconfig/com.ofss.digx.app.report.data.processor.FATCAReportAdapter	N	adapter
93	DATA_CLASS_A11	reportconfig/com.ofss.digx.app.report.data.processor.FeeVeeMappingReportAdapter	N	adapter
94	DATA_CLASS_C8	reportconfig/com.ofss.digx.app.report.data.processor.FUUserMappingReportAdapter	N	adapter
95	DATA_CLASS_A5	reportconfig/com.ofss.digx.app.report.data.processor.PartyFIMappingAdapter	N	adapter
96	DATA_CLASS_C3	reportconfig/com.ofss.digx.app.report.data.processor.PartyFIMappingAdapter	N	adapter
97	DATA_CLASS_A02	reportconfig/com.ofss.digx.app.report.data.processor.PartyFIMappingReportAdapter	N	adapter
98	DATA_CLASS_A10	reportconfig/com.ofss.digx.app.report.data.processor.PaveeReportAdapter	N	adapter
99	DATA_CLASS_C4	reportconfig/com.ofss.digx.app.report.data.processor.PaveeReportAdapter	N	adapter
100	DATA_CLASS_A0	reportconfig/com.ofss.digx.app.report.data.processor.PendingApprovalReportAdapter	N	adapter
101	DATA_CLASS_A12	reportconfig/com.ofss.digx.app.report.data.processor.PendingApprovalReportAdapter	N	adapter
102	DATA_CLASS_C2	reportconfig/com.ofss.digx.app.report.data.processor.PendingApprovalReportAdapter	N	adapter
103	DATA_CLASS_U4	reportconfig/com.ofss.digx.app.report.data.processor.PendingApprovalReportAdapter	N	adapter
104	DATA_CLASS_A1	reportconfig/com.ofss.digx.app.report.data.processor.UserCreationSummaryReportAdapter	N	adapter
105	DATA_CLASS_C6	reportconfig/com.ofss.digx.app.report.data.processor.UserFIMappingReportAdapter	N	adapter
106	DATA_CLASS_A12	reportconfig/com.ofss.digx.app.report.data.processor.UserFIMappingReportAdapter	N	adapter
107	DATA_CLASS_A13	reportconfig/com.ofss.digx.app.report.data.processor.UserGroupReportAdapter	N	adapter
108	DATA_CLASS_A13	reportconfig/com.ofss.digx.app.report.data.processor.UserSegmentReportAdapter	N	adapter
109	DATA_CLASS_A18	reportconfig/com.ofss.digx.app.report.data.processor.UserSegmentReportAdapter	N	adapter

Click on an identifier with the Control key down to perform "Go to Declaration". Line 3 Column 36 | Insert | 1 new notification 4:15 PM 3/31/2022

Add entry for XSL created for Internal Report

Oracle SQL Developer : JKS_odbx_nav (Unshared)_1

File Edit View Navigate Run Source Team Tools Window Help

Connections Oracle Connections 20.1_Sue_ODBX_2011NS JKS_odbx_nav Database Schema Service Connection

Worksheet Query Builder

```
SELECT *
FROM DIGX_FW_CONFIG_ALL_B
WHERE CATEGORY_ID = 'reportconfig';
```

Query Result

PROP_ID	CATEGORY_ID	PROP_VALUE	FACTORY_SHIPPED_FLAG	PROP_TYPE
27	REPORT_DATA...reportconfig/BillerReconciliationReport		N	Type of
28	FO_XSL_A01_PDF	reportconfig/BillerReconciliationReport.pdf	N	XSL
29	FO_XSL_C7_PDF	reportconfig/ApprovalRulesReport.xls	N	XSL
30	FO_XSL_A7_PDF	reportconfig/ApprovalRulesReport.xls	N	XSL
31	FO_XSL_A7_CSV	reportconfig/ApprovalRulesReportCSV.xls	N	XSL
32	FO_XSL_C7_CSV	reportconfig/ApprovalRulesReportCSV.xls	N	XSL
33	FO_XSL_A02_PDF	reportconfig/BillPayments-PavlateReport.xls	N	XSL
34	FO_XSL_A02_CSV	reportconfig/BillPayments-PavlateReportCSV.xls	N	XSL
35	FO_XSL_A03_PDF	reportconfig/BillerReconciliationReport.xls	N	XSL
36	FO_XSL_A03_CSV	reportconfig/BillerReconciliationReportCSV.xls	N	XSL
37	FO_XSL_A01_PDF	reportconfig/BillerRegistrationReport.xls	N	XSL
38	FO_XSL_A01_CSV	reportconfig/BillerRegistrationReportCSV.xls	N	XSL
39	FO_XSL_U3_PDF	reportconfig/DailyBalanceResponseReport.xls	N	XSL
40	FO_XSL_A16_PDF	reportconfig/EFTPaymentReport.xls	N	XSL
41	FO_XSL_A16_CSV	reportconfig/EFTPaymentReportCSV.xls	N	XSL
42	FO_XSL_A11_PDF	reportconfig/FIUUserMapReport.xls	N	XSL
43	FO_XSL_A11_PDF	reportconfig/FIUUserMapReport.xls	N	XSL
44	FO_XSL_A11_PDF	reportconfig/FIUUserMapReport.xls	N	XSL
45	FO_XSL_C5_CSV	reportconfig/FIUUserMapReportCSV.xls	N	XSL
46	FO_XSL_A11_CSV	reportconfig/FIUUserMapReportCSV.xls	N	XSL
47	FO_XSL_A11_PDF	reportconfig/FIUUserMapReport.xls	N	XSL
48	FO_XSL_A3_PDF	reportconfig/PartyFIMappingReport.xls	N	XSL
49	FO_XSL_A9_CSV	reportconfig/PartyFIMappingReportCSV.xls	N	XSL
50	FO_XSL_C3_CSV	reportconfig/PartyFIMappingReportCSV.xls	N	XSL
51	FO_XSL_C4_PDF	reportconfig/FaveeReport.xls	N	XSL
52	FO_XSL_A10_PDF	reportconfig/FaveeReport.xls	N	XSL

Click on an identifier with the Control key down to perform "Go to Declaration". Line 3 Column 36 | Insert | (Modified) Windows 10 4:16 PM 3/31/2022

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

```

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