

Reports Configuration Guide
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ORACLE®

Reports Configuration Guide

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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 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>.

1.3 Access to Oracle Support

Oracle customers 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 Structure

This manual is organized into the following categories:

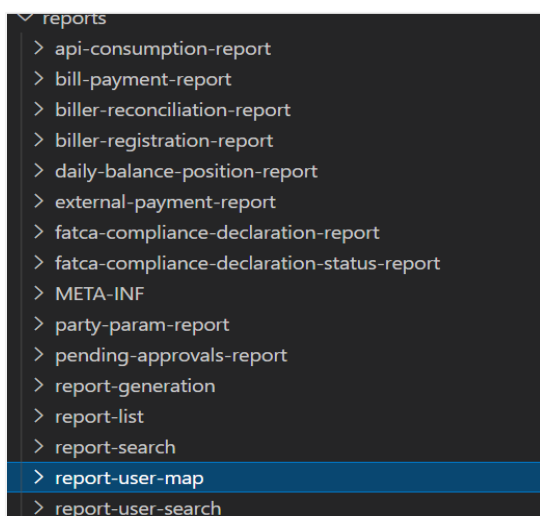
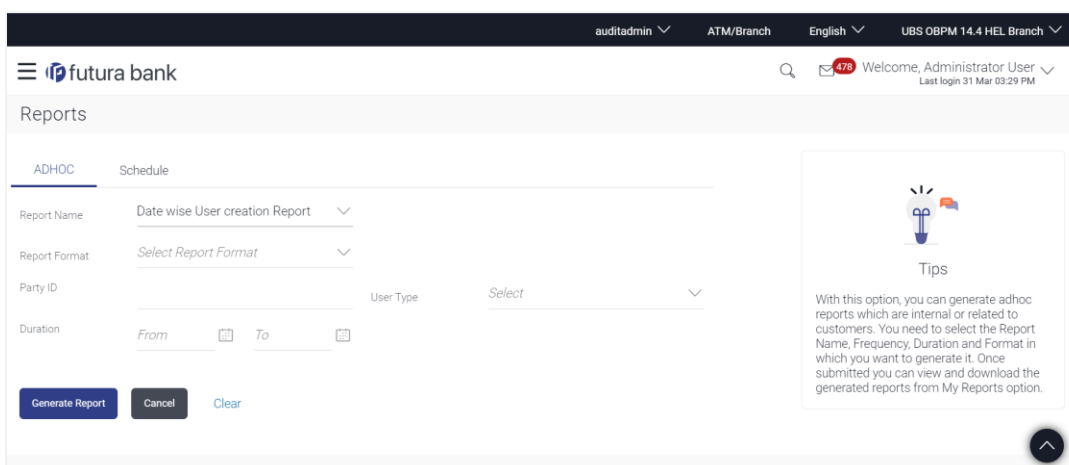
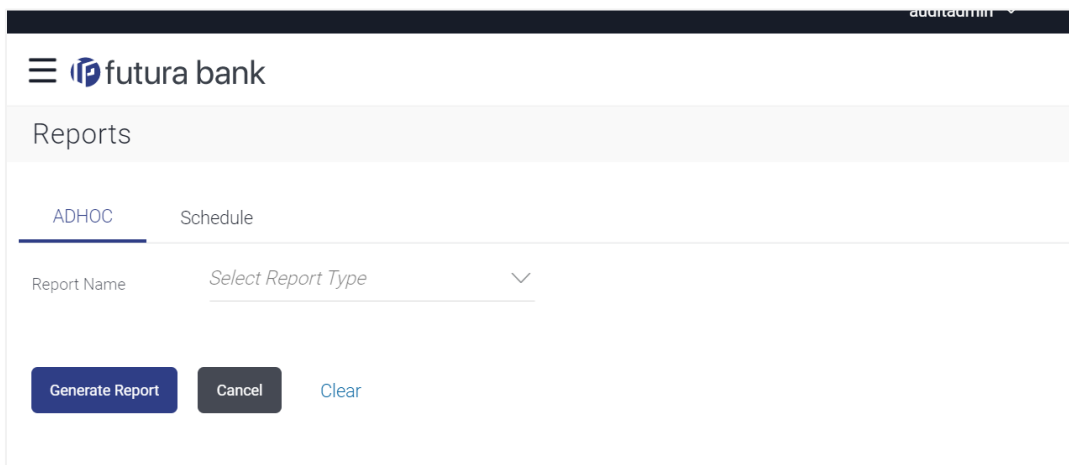
Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

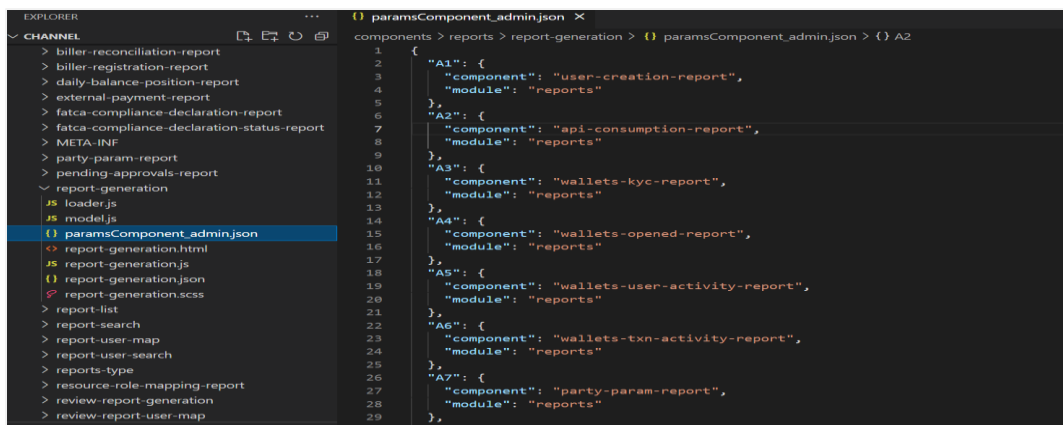
- Introduction
- Preferences & Database
- Configuration / Installation.

2. Adding a New Report

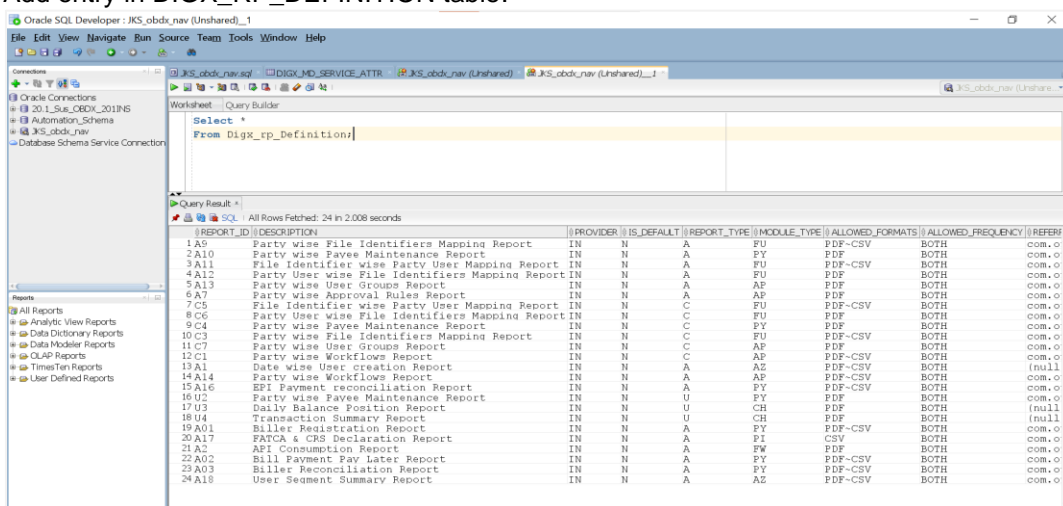
1. Create UI component with required criteria fields for that new report. This criteria fields will be available once the report is selected from drop down. Currently each report has 2 fields are common. (Report Name , Report Format)



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.

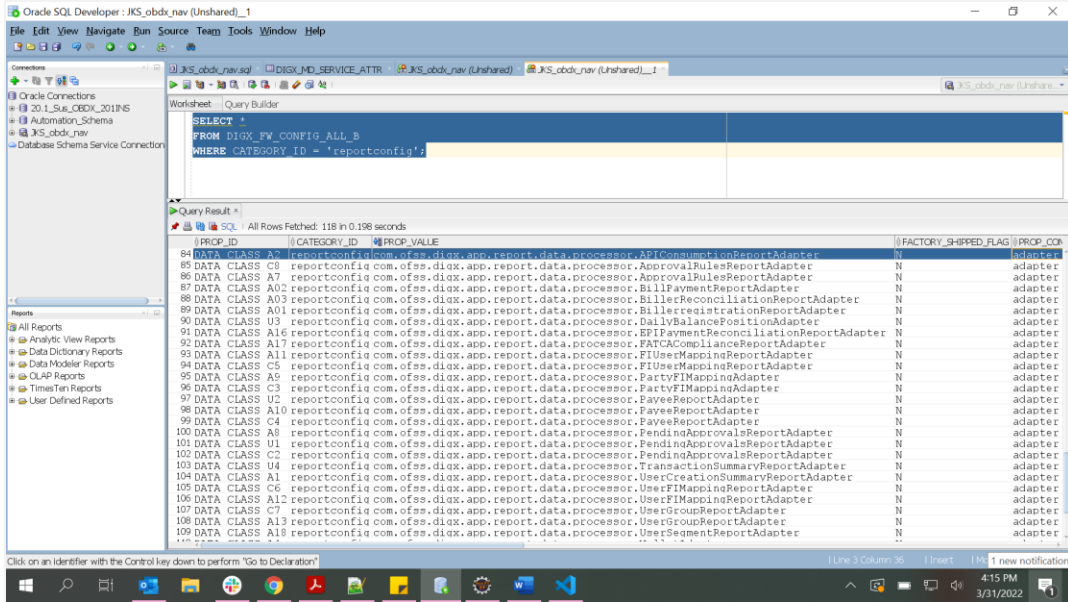


```

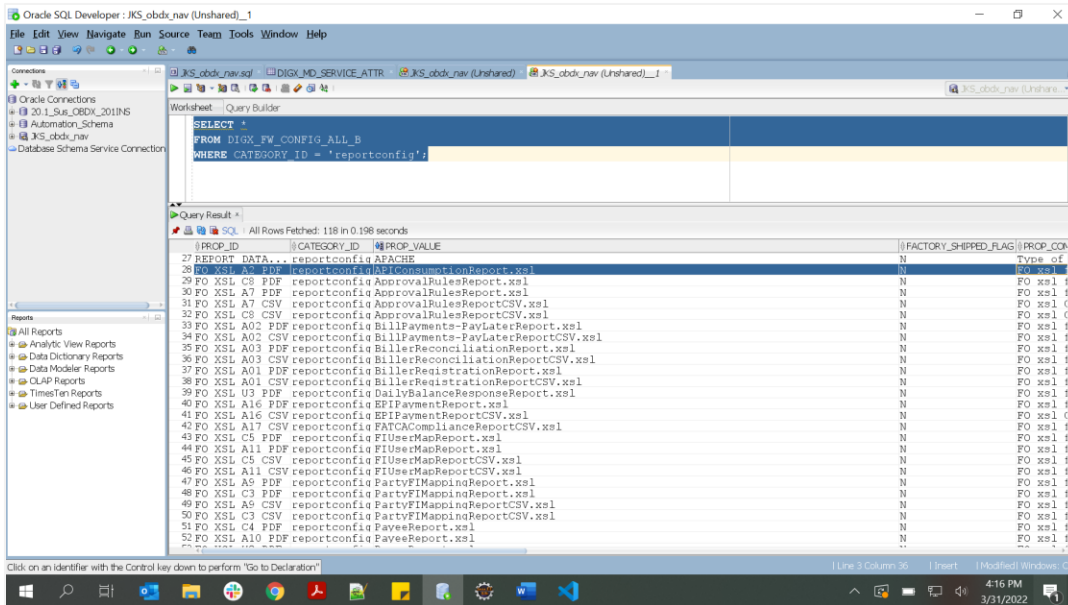
SELECT *
FROM DIGX_FW_CONFIG_ALL_B
WHERE CATEGORY_ID = 'reportconfig';

```

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

```

- 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;
}

```

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

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