IFS Aviation Maintenance

JasperReports for CAMO Guide

ICAM 26.2



Document Revision: 26.2-1

Publication Date: November 02, 2026

Contents

1 Introduction....3

2 Basics of form development....4

Determine the data fields required to create a report....4

Create database connections to the form fields....7

3 Building a report form with JasperReports....9

Define the required data set....11

Establish Data Adapter connection via Jaspersoft Studio....12

Create new report project....14

Create new report....18

Modify form layout....23

Publishing report to JasperServer UAT environment....27

Connecting JasperReport from JasperServer UAT to Maintenix....31

4 Building a sub report form....33

Create a sub report....33

Pass parameters to the sub query/sub report....39

Connecting sub report from JasperServer to Maintenix....49

5 Export report to the JasperServer production environment....54

6 References....58

1

Introduction

This document provides a step-by-step guide to using JasperReports to generate comprehensive reports using CAMO as a data source.

The document covers:

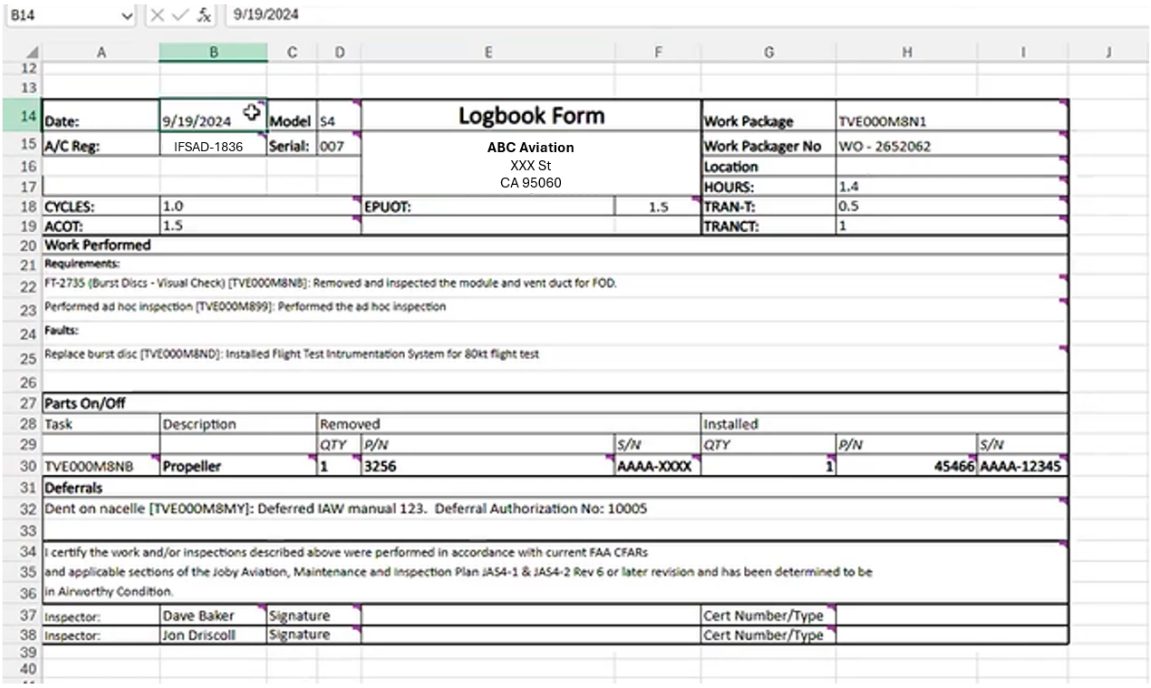
- Basics of form development
- Setting up a JasperReports project
- Navigating the CAMO Database ERDs/Data Model to determine the report structure
- Using JasperServer to connect reports from JasperServer to CAMO

2

Basics of form development

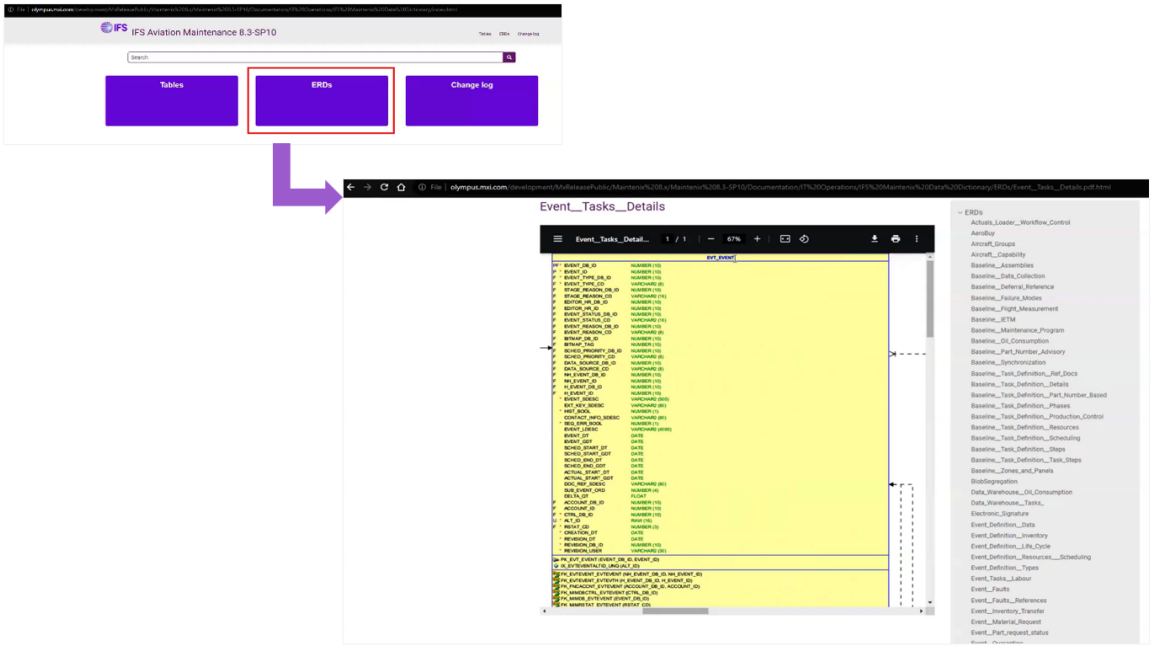
Determine the data fields required to create a report

1. Create a mock-up of the form.

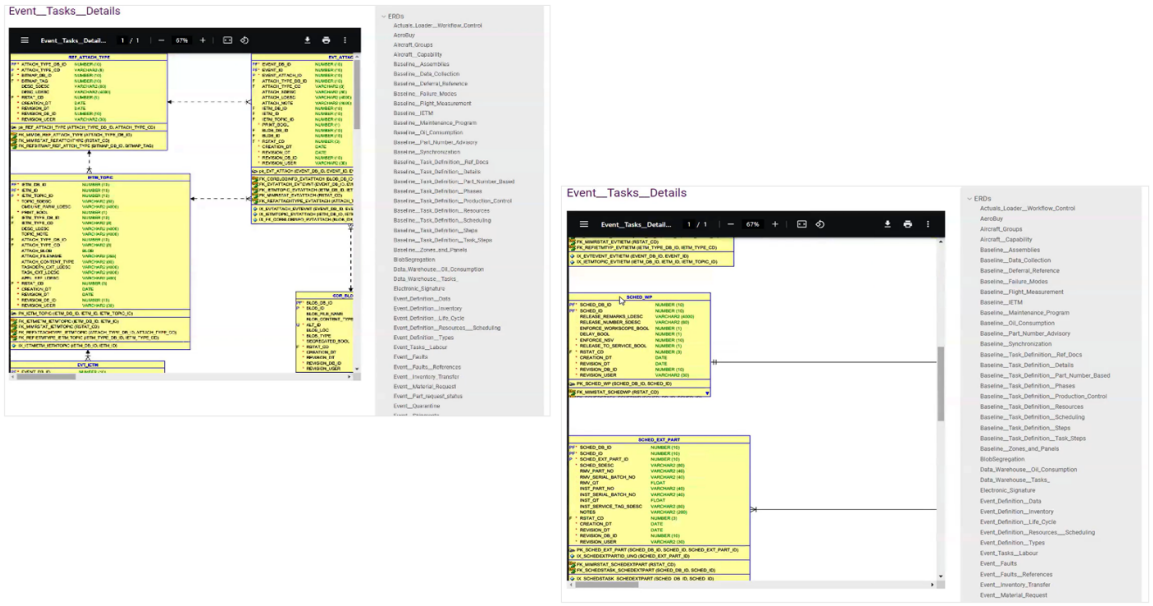


Date:	9/19/2024	Model	S4	Logbook Form		Work Package	TVE000M8N1		
A/C Reg:	IFSAD-1836	Serial:	007	ABC Aviation XXX St CA 95060		Work Packager No	WO - 2652062		
						Location			
						HOURS:	1.4		
CYCLES:	1.0			EPUOT:	1.5	TRAN-T:	0.5		
ACOT:	1.5					TRANCT:	1		
Work Performed									
Requirements:									
FT-2735 (Burst Discs - Visual Check) [TVE000M8NB]: Removed and inspected the module and vent duct for FOD.									
Performed ad hoc inspection [TVE000M899]: Performed the ad hoc inspection									
Faults:									
Replace burst disc [TVE000M8ND]: Installed Flight Test Intrumentation System for 80kt flight test									
Parts On/Off									
Task	Description	Removed				Installed			
		QTY	P/N		S/N	QTY	P/N	S/N	
TVE000M8NB	Propeller	1	3256		AAAA-XXXX	1	45466	AAAA-12345	
Deferrals									
Dent on nacelle [TVE000M8MY]: Deferred IAW manual 123. Deferral Authorization No: 10005									
I certify the work and/or inspections described above were performed in accordance with current FAA CFARs and applicable sections of the Joby Aviation, Maintenance and Inspection Plan JAS4-1 & JAS4-2 Rev 6 or later revision and has been determined to be in Airworthy Condition.									
Inspector:	Dave Baker	Signature				Cert Number/Type			
Inspector:	Jon Driscoll	Signature				Cert Number/Type			

2. Once the form fields and their data types are decided, generate functions/formulas to pull data into the form from their specific data sources. Refer the CAMO Database ERDs/Data Model for this.

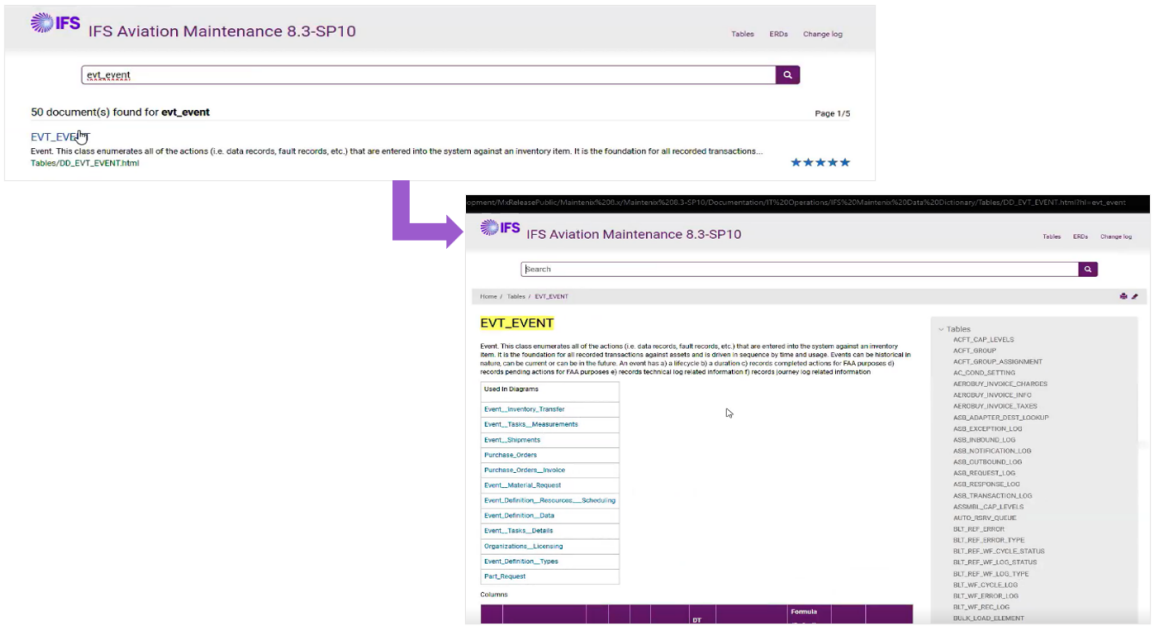


3. Make note of the tables and data fields that would be required to fill out information on the mock-up form)E.g.: EVT_EVENT table, SCHED_TASK table, TASK_TASK table, and other connected tables such as SCHED_WP table, etc.).

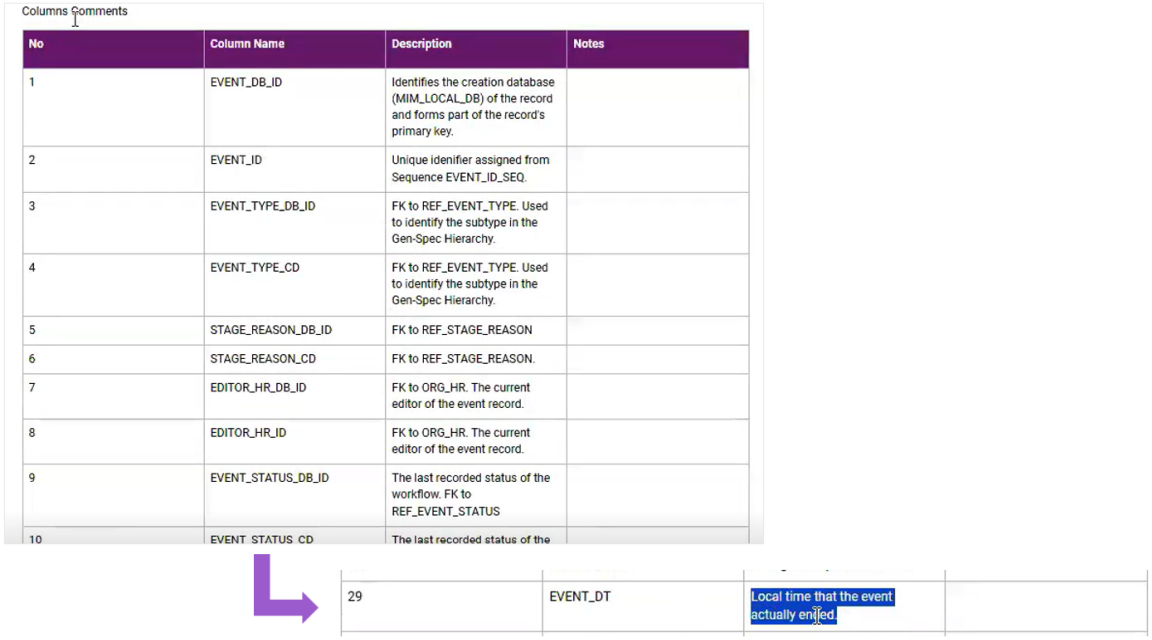


> **Note** For steps 4-5, assume that the date information from the EVT_EVENT is used to populate the Date field under cell B14 in the above for

4. Search and navigate into the EVT_EVENT table to select the data parameters for the form.



5. Scroll down to the **Column Comments** section; observe the comments made against each Date parameter and select the most suitable option for the form.



Columns Comments

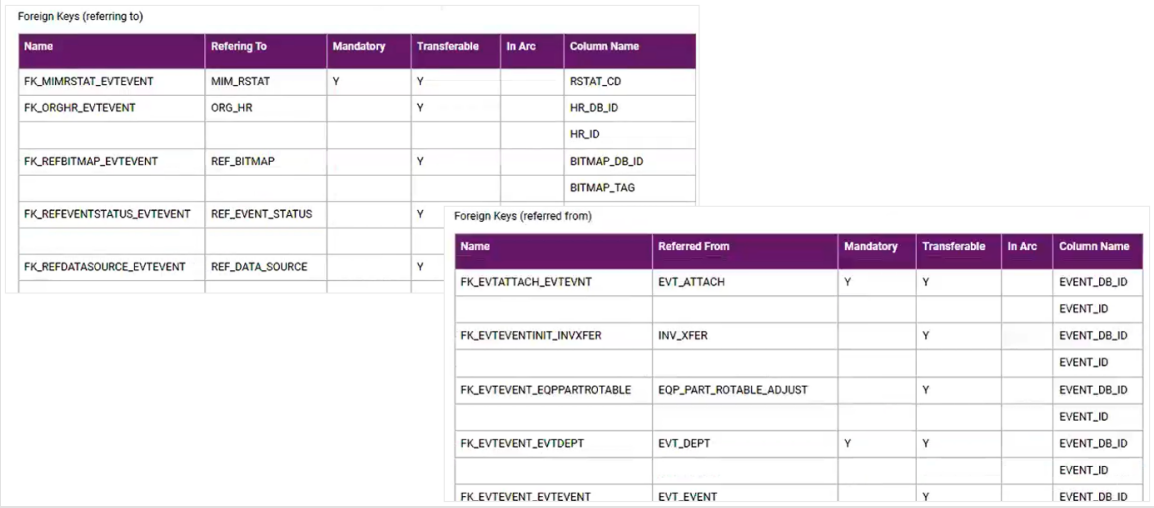
No	Column Name	Description	Notes
1	EVENT_DB_ID	Identifies the creation database (MIM_LOCAL_DB) of the record and forms part of the record's primary key.	
2	EVENT_ID	Unique idenifier assigned from Sequence EVENT_ID_SEQ.	
3	EVENT_TYPE_DB_ID	FK to REF_EVENT_TYPE. Used to identify the subtype in the Gen-Spec Hierarchy.	
4	EVENT_TYPE_CD	FK to REF_EVENT_TYPE. Used to identify the subtype in the Gen-Spec Hierarchy.	
5	STAGE_REASON_DB_ID	FK to REF_STAGE_REASON	
6	STAGE_REASON_CD	FK to REF_STAGE_REASON.	
7	EDITOR_HR_DB_ID	FK to ORG_HR. The current editor of the event record.	
8	EDITOR_HR_ID	FK to ORG_HR. The current editor of the event record.	
9	EVENT_STATUS_DB_ID	The last recorded status of the workflow. FK to REF_EVENT_STATUS	
10	EVENT_STATUS_CD	The last recorded status of the	

29	EVENT_DT	Local time that the event actually ended.	

6. Similarly, navigate through other tables and locate data parameters as per the requirement (E.g.: SCHED_STASK table > SCHED_DB_ID, SCHED_ID paramters).

Note Some data fields on the form may require multiple data types from the ERD tables to be joined/concatenated for accurate results. In such cases:

- Follow steps 4-5 to locate the required tables and parameters.
- Scroll down to the **Foreign Keys (referring to)** and **Foreign Keys (referring from)** sections as indicated.



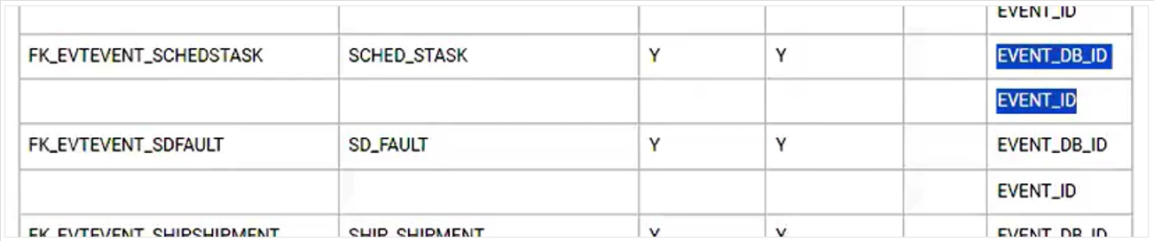
Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
FK_MIMRSTAT_EVTEVENT	MIM_RSTAT	Y	Y		RSTAT_CD
FK_ORGHR_EVTEVENT	ORG_HR		Y		HR_DB_ID
					HR_ID
FK_REFBITMAP_EVTEVENT	REF_BITMAP		Y		BITMAP_DB_ID
					BITMAP_TAG
FK_REFEVENTSTATUS_EVTEVENT	REF_EVENT_STATUS		Y		
FK_REFDATASOURCE_EVTEVENT	REF_DATA_SOURCE		Y		

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
FK_EVTATTACH_EVTEVNT	EVT_ATTACH	Y	Y		EVENT_DB_ID
					EVENT_ID
FK_EVTEVENTINIT_INVXFER	INV_XFER		Y		EVENT_DB_ID
					EVENT_ID
FK_EVTEVENT_EQPPARTROTABLE	EQP_PART_ROTABLE_ADJUST		Y		EVENT_DB_ID
					EVENT_ID
FK_EVTEVENT_EVTDEPT	EVT_DEPT	Y	Y		EVENT_DB_ID
					EVENT_ID
FK_EVTEVENT_EVTEVENT	EVT_EVENT		Y		EVENT_DB_ID

- User the referrals displayed to formulate how the relevant parameters should be connected to display the required result on the form fields.



					EVENT_ID
FK_EVTEVENT_SCHEDSTASK	SCHED_STASK	Y	Y		EVENT_DB_ID
					EVENT_ID
FK_EVTEVENT_SDFAULT	SD_FAULT	Y	Y		EVENT_DB_ID
					EVENT_ID
FK_EVTEVENT_SHIPSHIPMENT	SHIP_SHIPMENT	Y	Y		EVENT_DB_ID

Create database connections to the form fields

1. Establish a connection to the relevant database from the development application (E.g.: PL/SQL Developer).
2. Writer the script/query to create connections between the CAMO database and the previously created form:
   a. The query should be scripted in the following format:

```
SELECT
   evt_event.event_gdt,
   sched_stask.barcode_sdesc
FROM
   evt_event
   JOIN sched_stask ON
        evt_event.event_id = sched_stask.sched_id AND
        evt_event.event_db_id = sched_stask.sched_db_id
```

b. Run the query to preview the data set that will be driving the form auto-population.

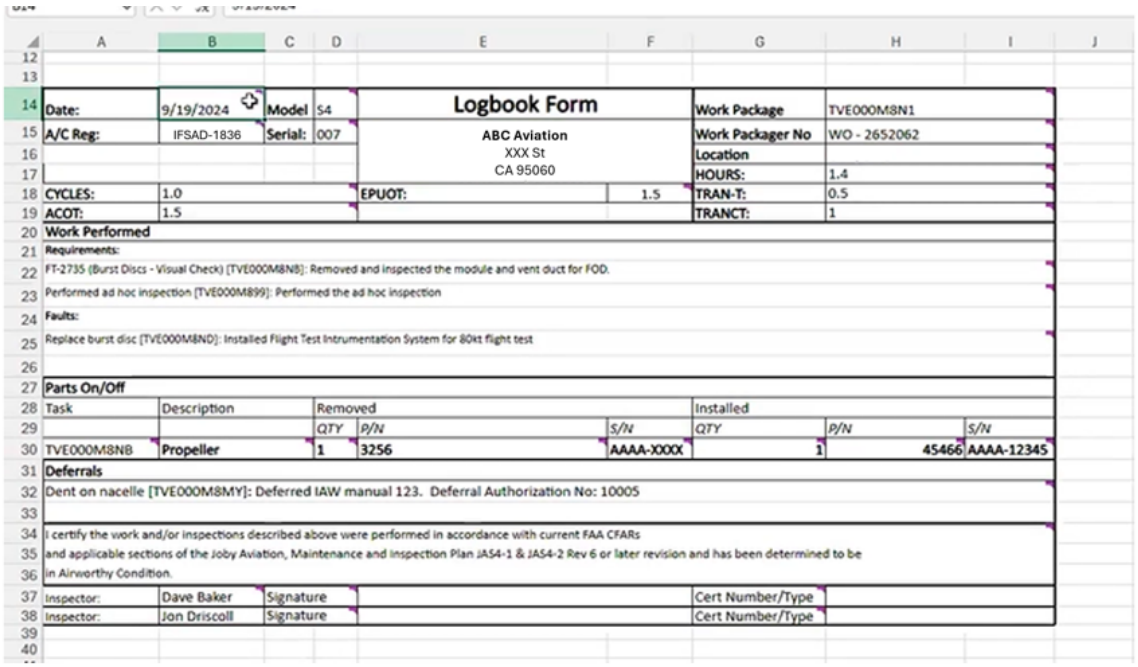
3. Similarly, write queries to populate the remaining sections of the form.

3

Building a report form with JasperReports

This chapter will cover the basic steps required to create a form using JasperReports, publishing the report to JasperServer, and connecting it from JasperServer to CAMO.

Same steps can be used to develop the Excel form displayed under the *Determine the data fields required to create a report* section of this document.



Date:	9/19/2024	**Model**	S4	**Logbook Form**		**Work Package**	TVE000M8N1	
A/C Reg:	IFSAD-1836	**Serial:**	007	**ABC Aviation** XXX St CA 95060		**Work Packager No**	WO - 2652062	
						Location		
						HOURS:	1.4	
CYCLES:	1.0			**EPUOT:**	1.5	**TRAN-T:**	0.5	
ACOT:	1.5					**TRANCT:**	1	

Work Performed

Requirements:

FT-2735 (Burst Discs - Visual Check) [TVE000M8NB]: Removed and inspected the module and vent duct for FOD.

Performed ad hoc inspection [TVE000M899]: Performed the ad hoc inspection

Faults:

Replace burst disc [TVE000M8ND]: Installed Flight Test Intrumentation System for 80kt flight test

Parts On/Off

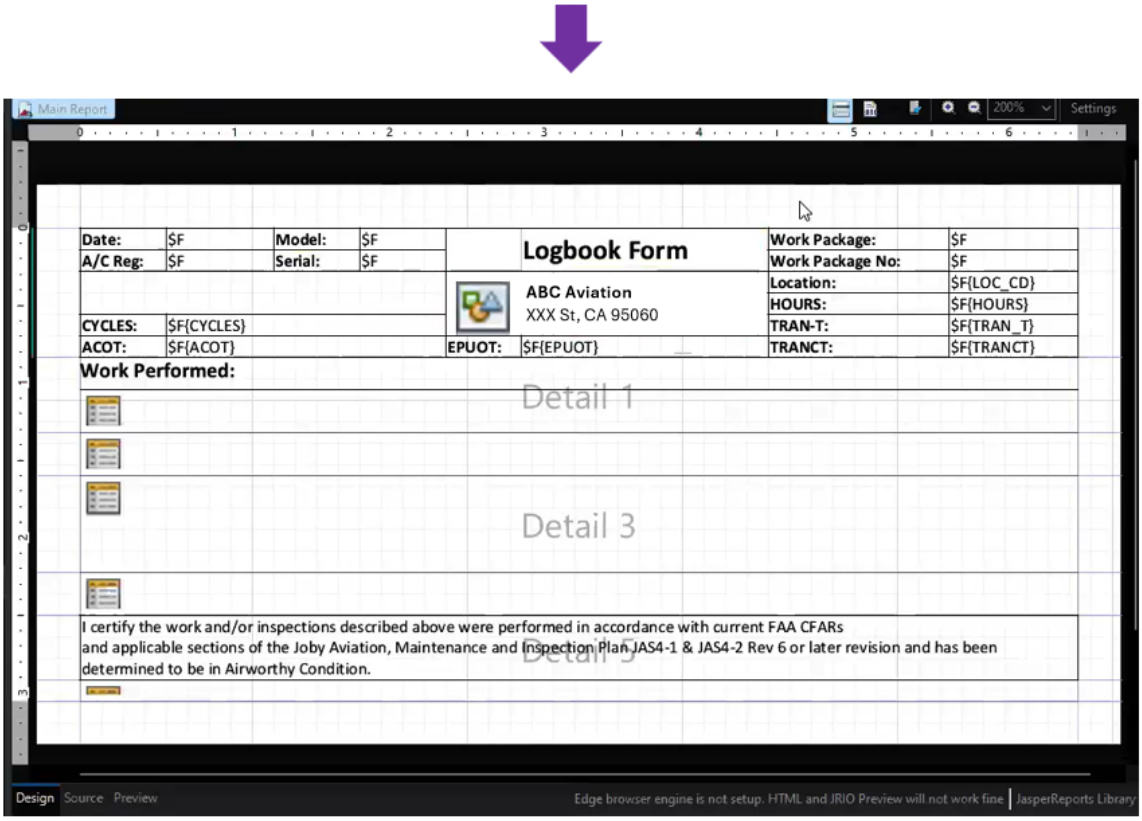
Task	Description	Removed			Installed		
		QTY	*P/N*	*S/N*	*QTY*	*P/N*	*S/N*
TVE000M8NB	**Propeller**	**1**	**3256**	**AAAA-XXXX**	**1**	**45466**	**AAAA-12345**

Deferrals

Dent on nacelle [TVE000M8MY]: Deferred IAW manual 123. Deferral Authorization No: 10005

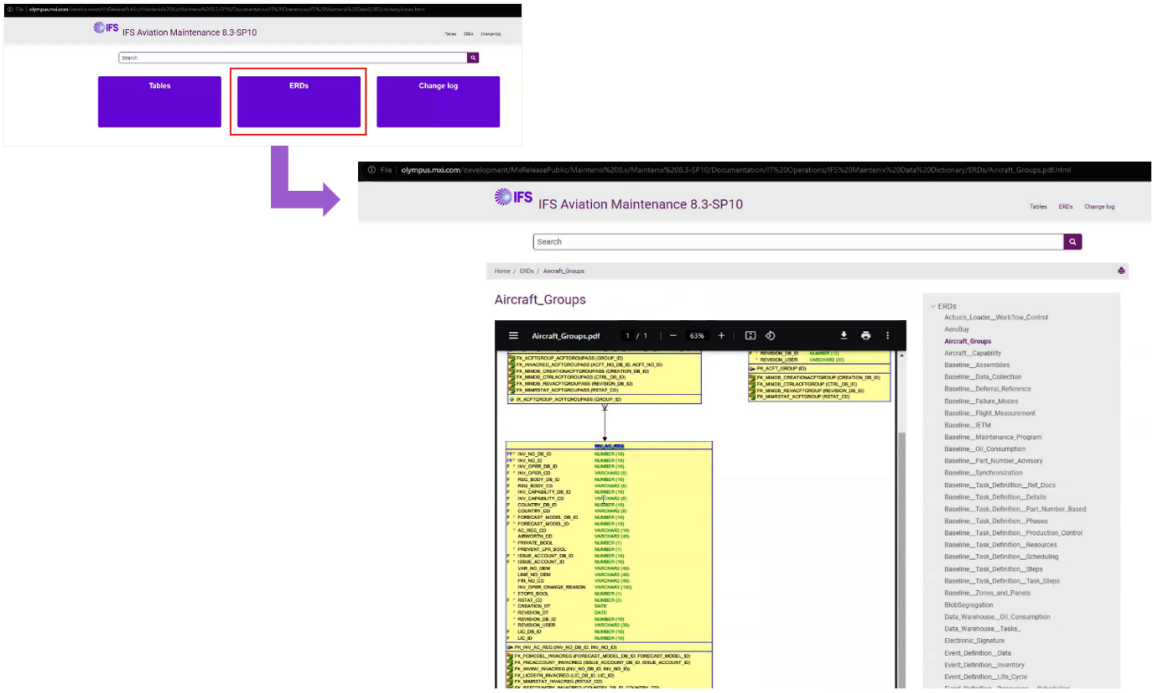
I certify the work and/or inspections described above were performed in accordance with current FAA CFARs and applicable sections of the Joby Aviation, Maintenance and Inspection Plan JAS4-1 & JAS4-2 Rev 6 or later revision and has been determined to be in Airworthy Condition.

Inspector:	Dave Baker	Signature	Cert Number/Type
Inspector:	Jon Driscoll	Signature	Cert Number/Type

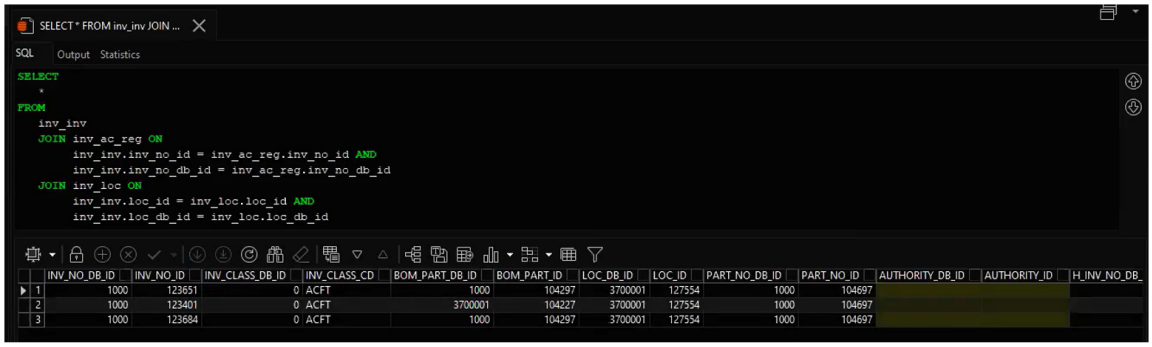


Define the required data set

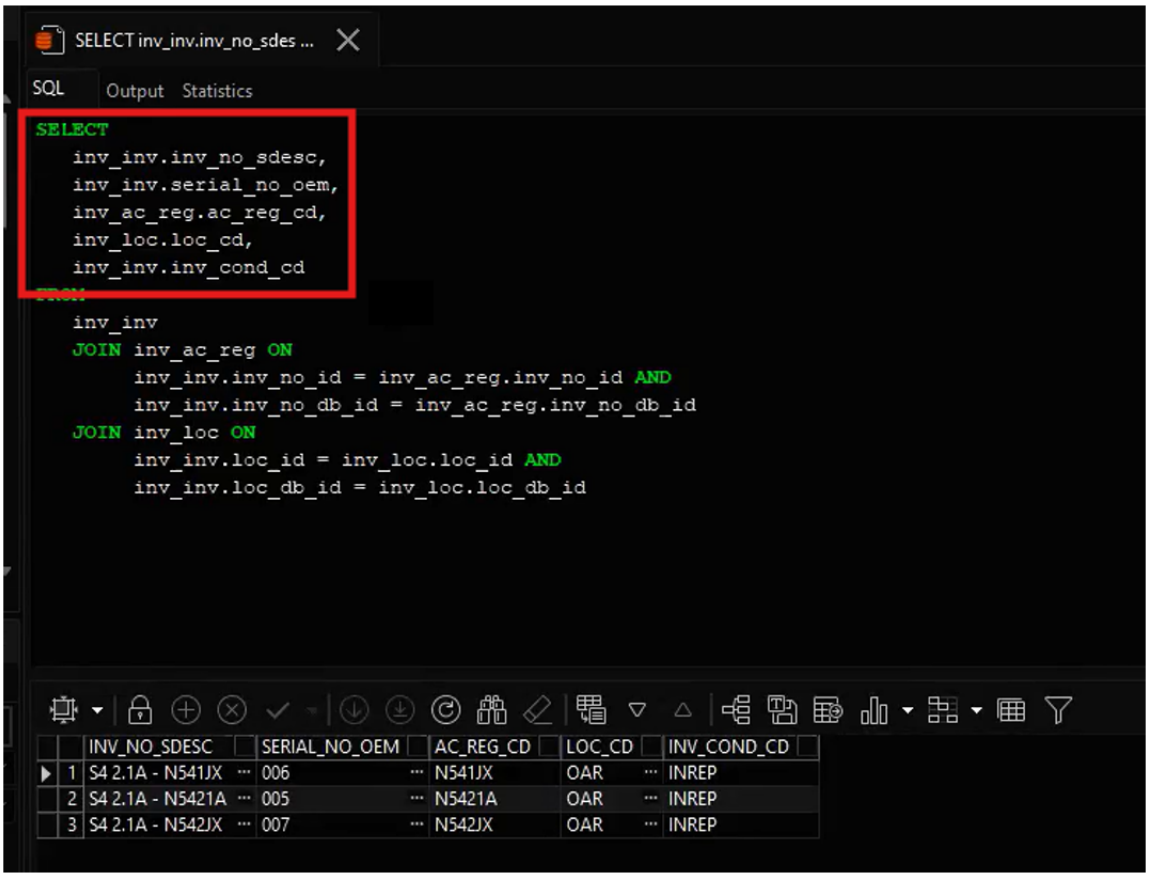
1. Identify the details required to build the required report. This example uses the following information:
   a. Inventory Details
   b. Serial Number
   c. Aircraft Registration Code
   d. Location
   e. Status
2. Follow steps 2–3 under *Determine the data fields required to create a report* section of this document to locate the tables relevant to the above details from the CAMO Database ERDs. This example uses the following data tables:
   a. inv_ac_reg
   b. inv_inv
   c. inv_loc



3. Follow steps 4–6 under the *Determine the data fields required to create a report*of this document to locate the data fields from the selected ERD tables.
4. Establish a connection to the relevant database from development application (E.g.: PL/SQL Developer).
5. Write the script/query for the form to be created in the indicated format.
6. Run the query to view the sample data set.

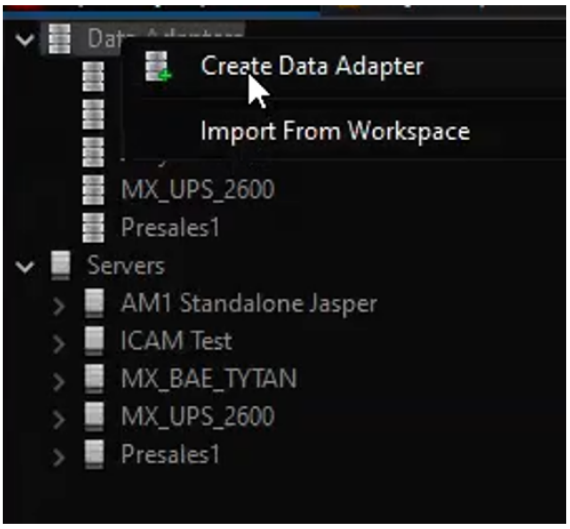


7. Scroll across the preview data set to validate the availability of the required data fields that will auto populate the report.
8. Update the query to select the data fields from the above data set and run the query:

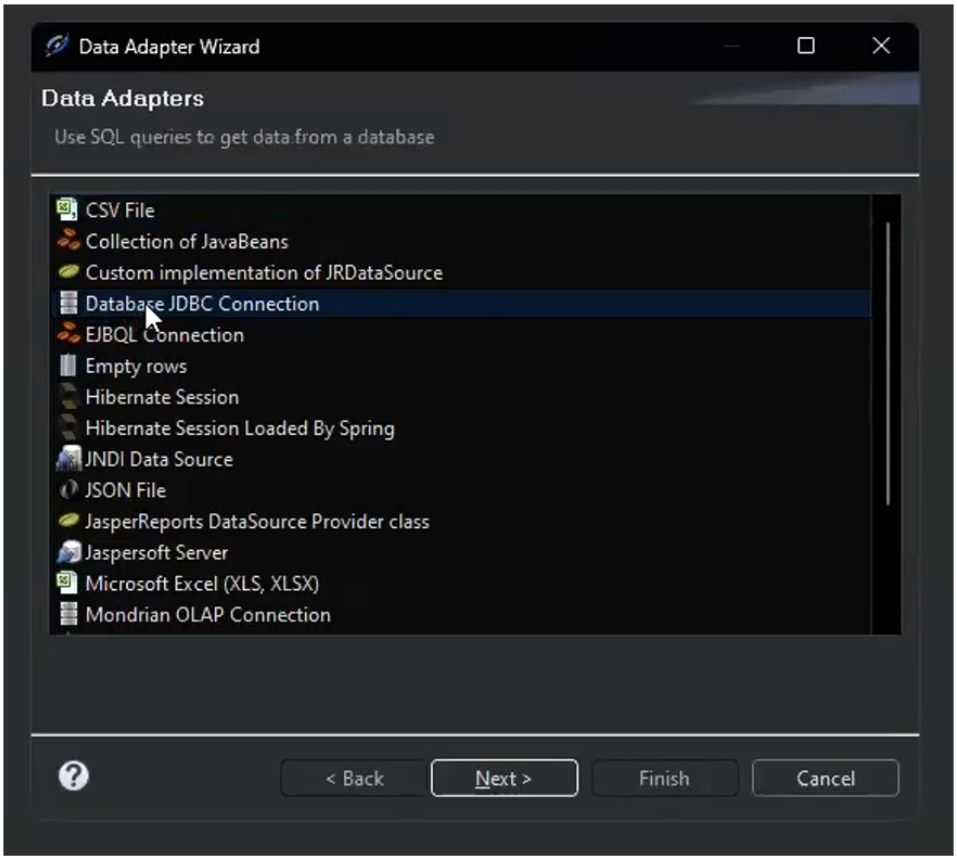


Establish Data Adapter connection via Jaspersoft Studio

1. Establish a connection to the relevant Data Adapter from the Jaspersoft Studio application.
2. Create new Data Adapter:
   a. Right click on **Data Adapter** and select **Create Data Adapter**



b. On the **Data Adapter Wizard** window, select **Database JDBC Connection.** Click **Next.**

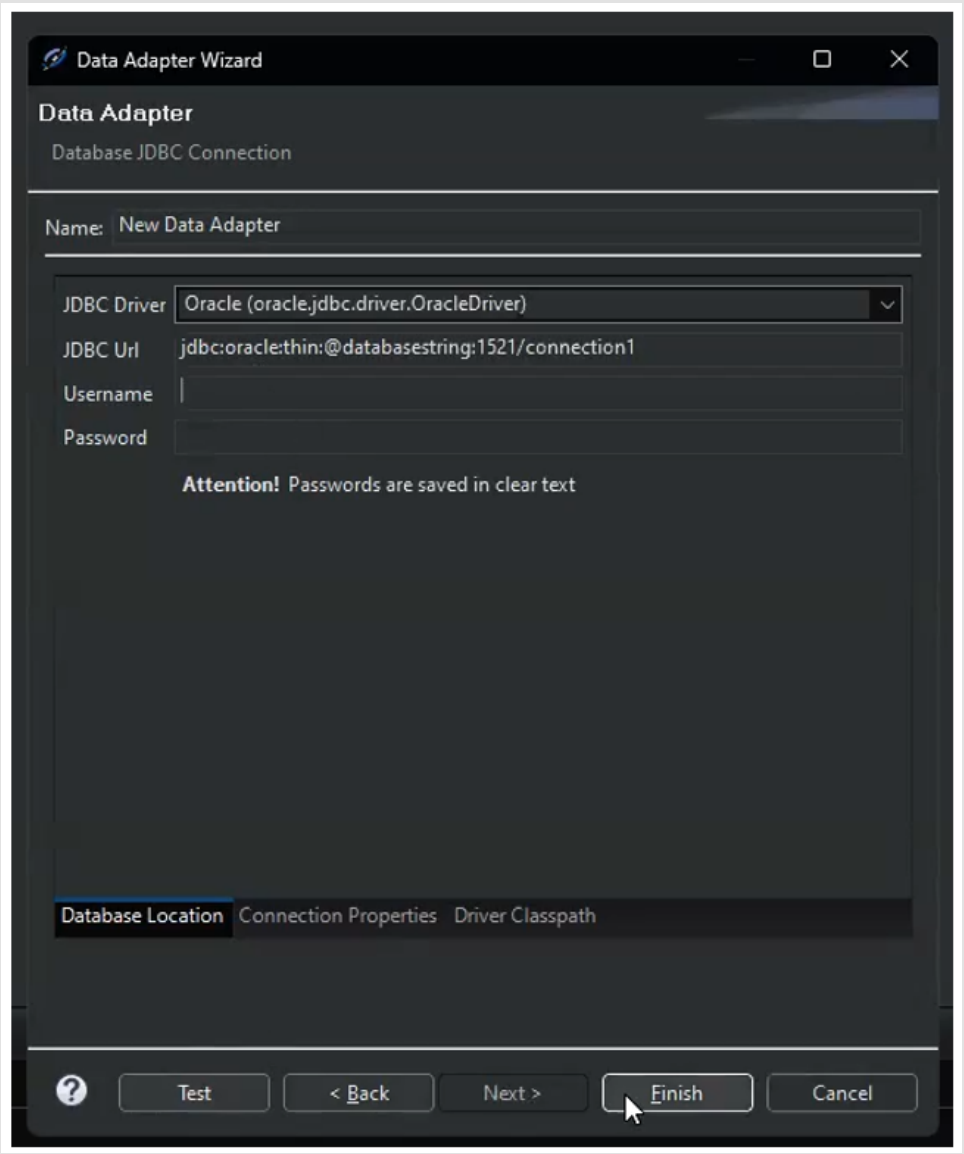


c. On the next window, fill in the following details and click **Finish** to set up the connection:

1. **Name:** Provide a name for the Data Adapter
2. **JDBC Driver:** Oracle (oracle.jdbc.driver.OracleDriver)
3. **JDBC URL:** jdbc:oracle:thin:@localhost:1521:database

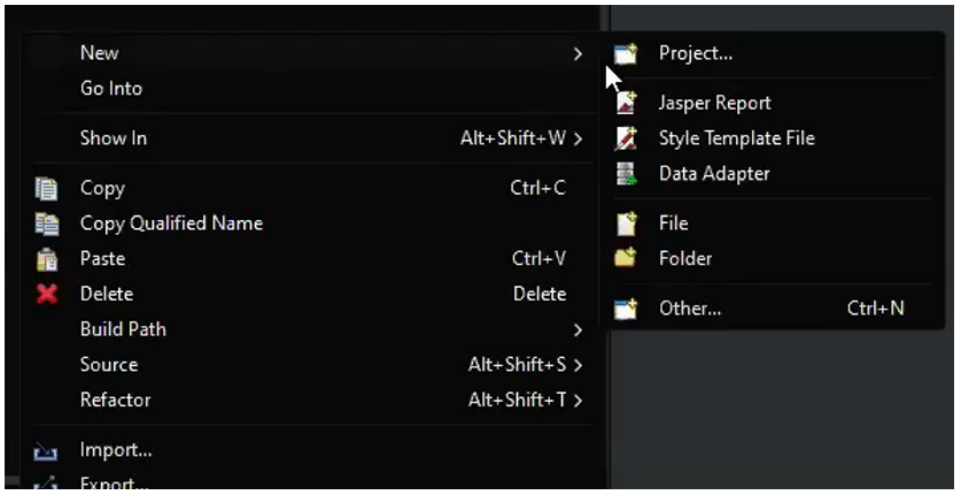
Note If the connection is a cloud instance JDBC URL should be in the format of: **jdbc:oracle:thin:@<databasestring>:1521:<connectionname>**

- **Username:** Username of the schema or the user accessing the database
- **Password:** Password of the schema or the user accessing the database

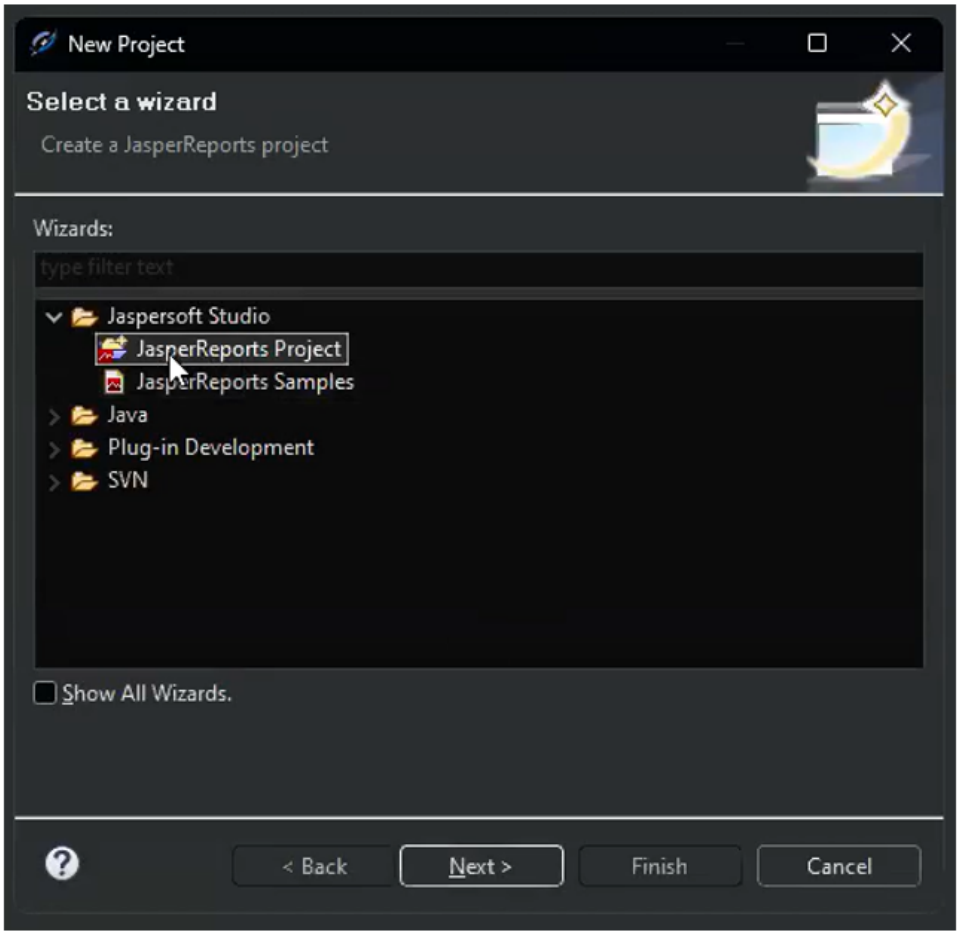


Create new report project

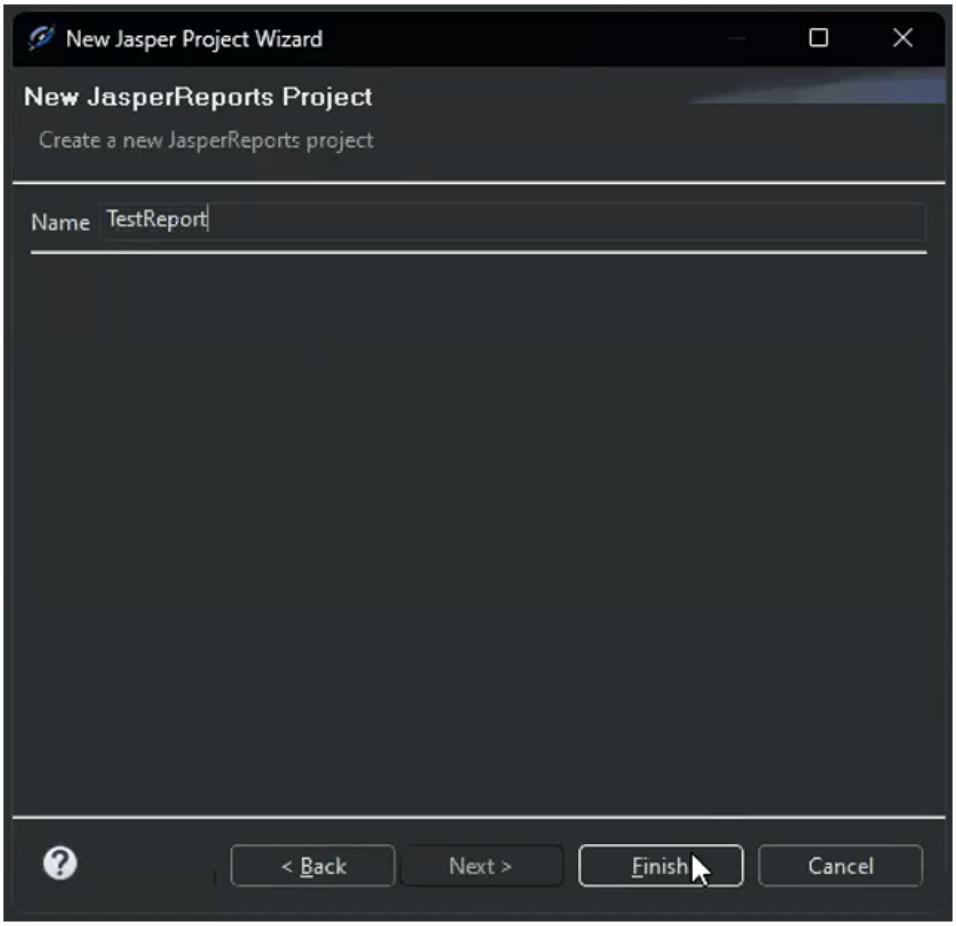
1. Navigate into the newly created Data Adapter.
2. Right click anywhere on the **Project Explorer** pane and select **New > Project** to create a new project.



3. On the next window, select **JasperReports Project** from the provided folder structure and click **Next.**

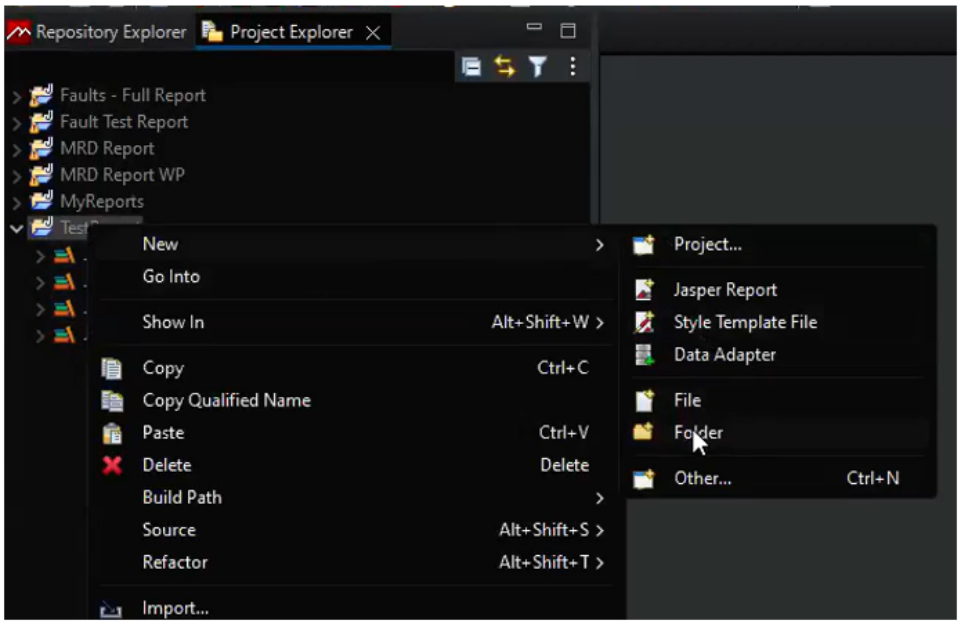


4. On the next window, provide a **Name** for the project and click **Finish.**



Note It is recommended that either underscores are used instead of spaces, or no spaces are used when naming projects, report files, etc. (E.g.: 'TestReport', or 'Test_Report' instead of 'Test Report').

5. Locate the newly created JasperReports project from the navigation pane and create a new folder.
   a. Right click on the project name and select **New > Folder.**

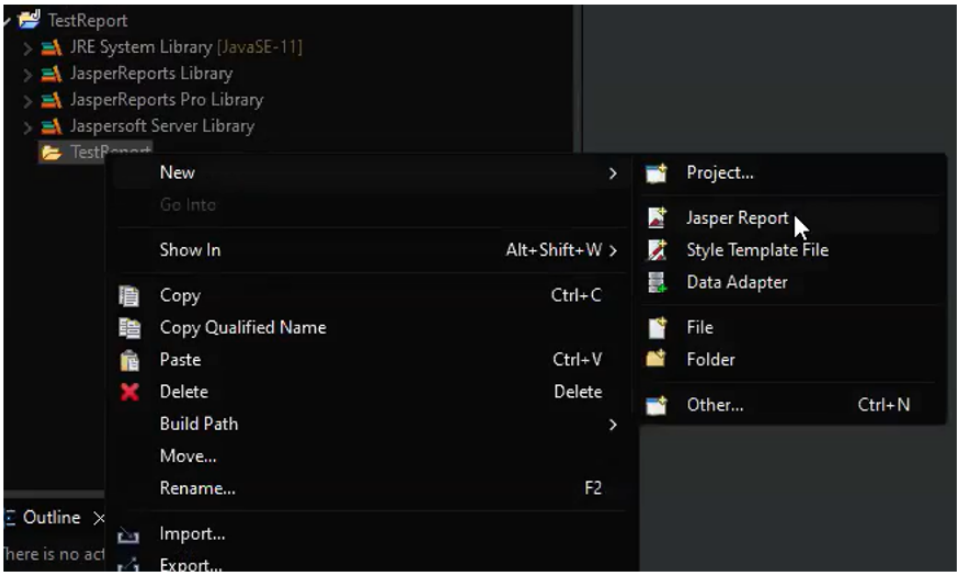


b. Provide a folder name and click **Finish** to create the folder.

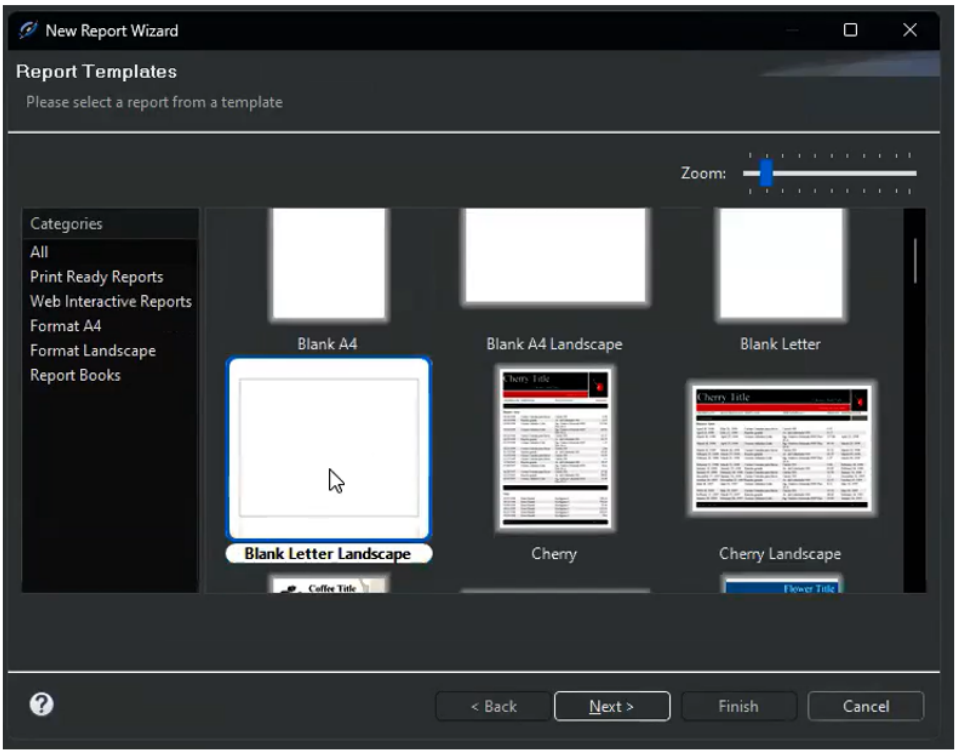


Create new report

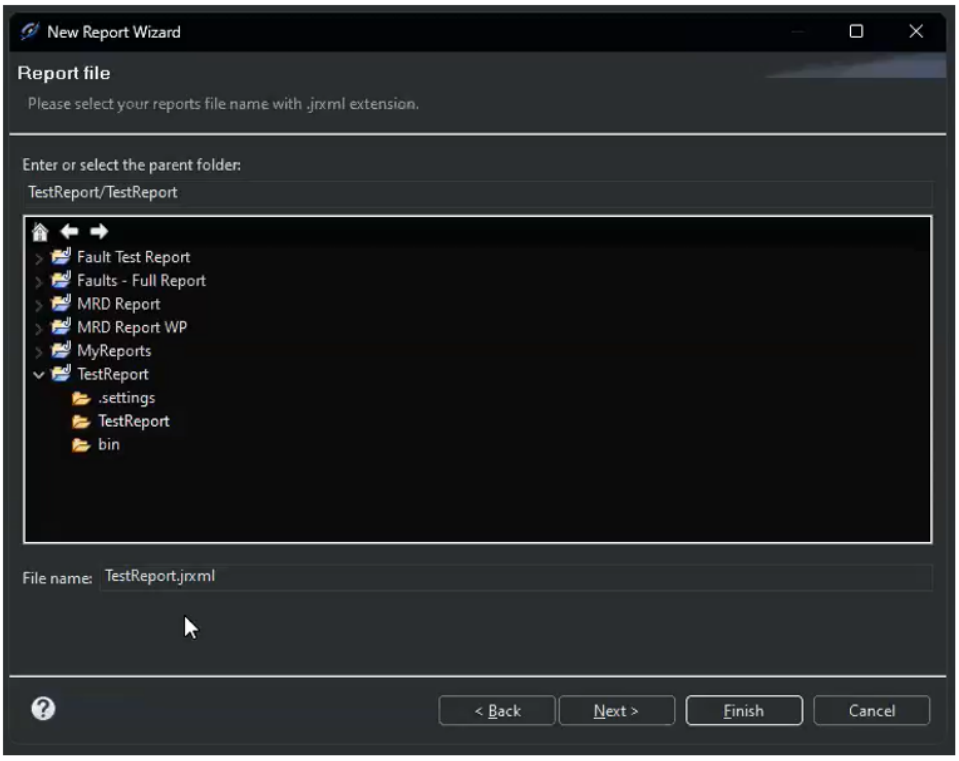
1. On the navigation pane, right click on the newly created folder and select **New > Jasper Report.**



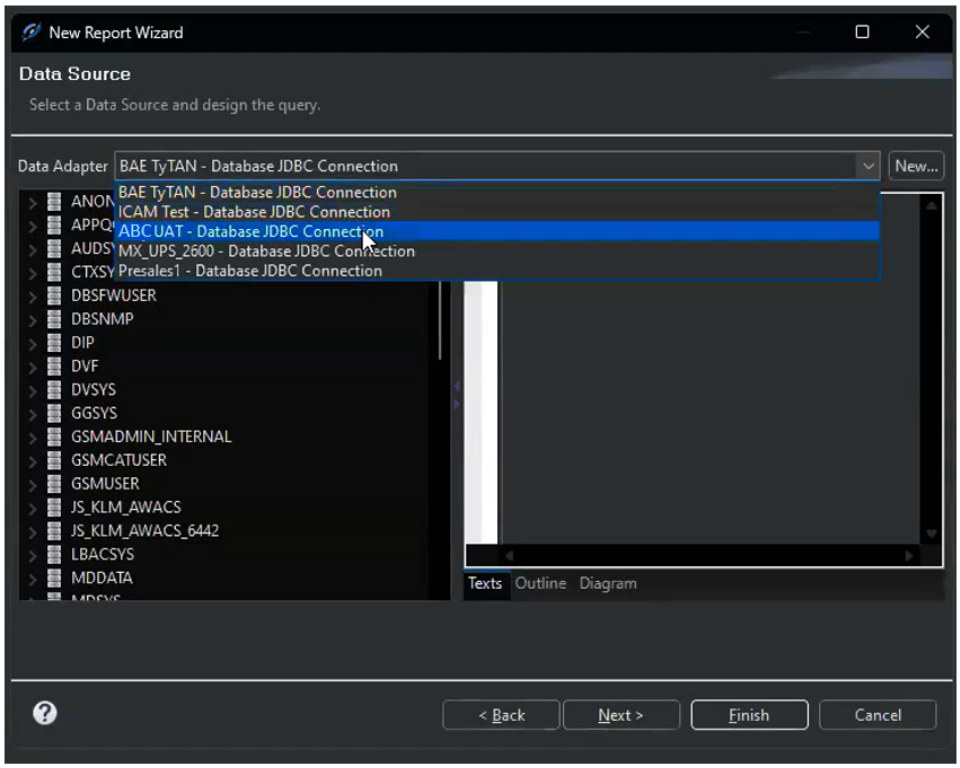
2. On the next window, select a report template and click **Next.**



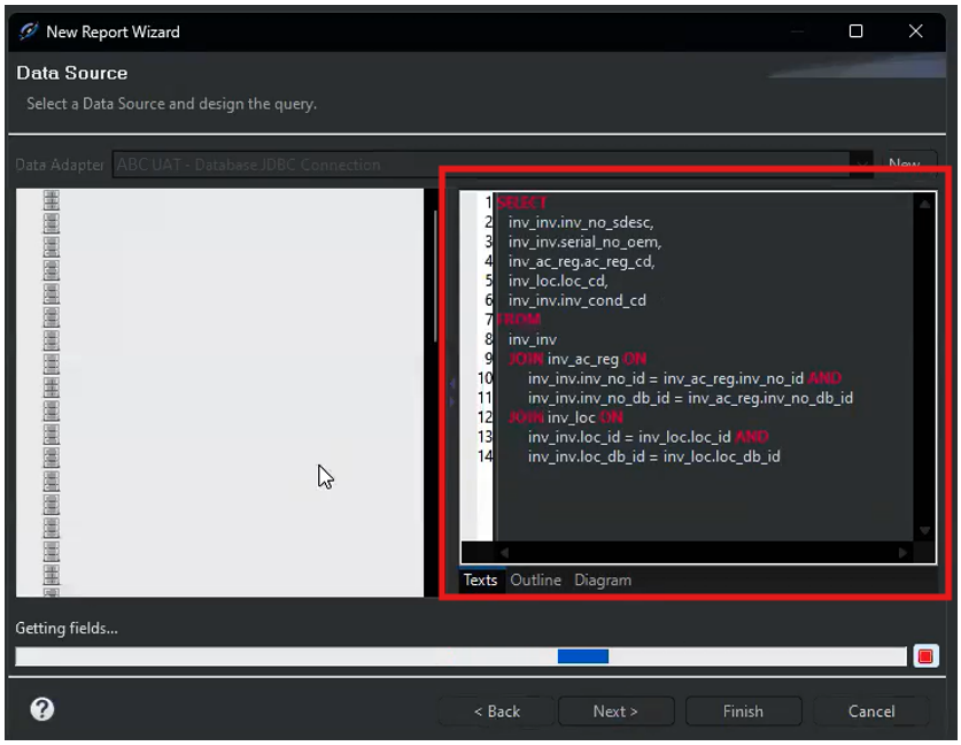
3. Provide a name for the report and click **Next.**



4. On the next window, the created will attempt connecting to the previously created data adapter. Make sure the correct data adapter is selected.

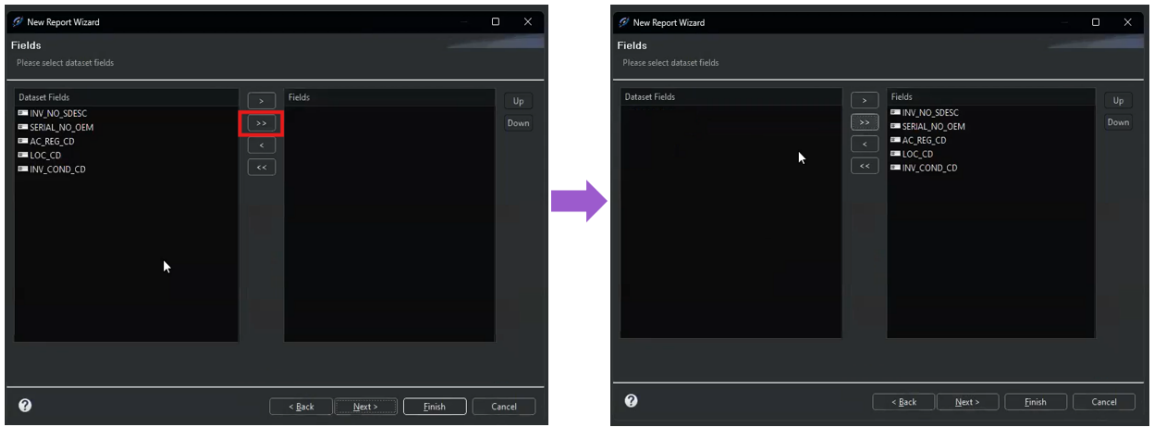


5. Copy and paste the complete query that was created under step 8 of *Define the required data set* section of this document on the next pane of the same window as indicated and click **Next.**

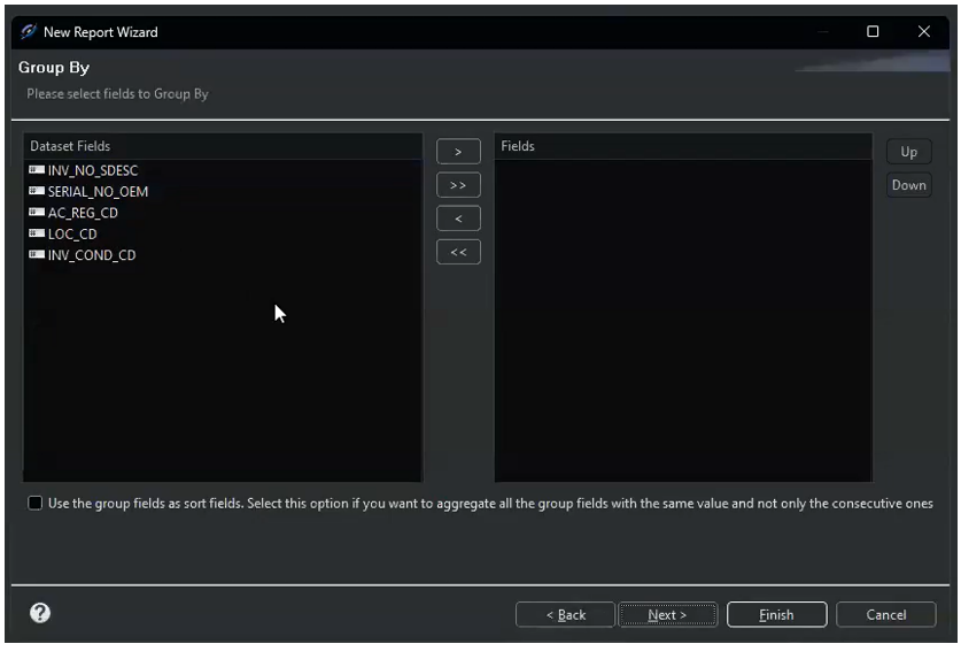


> **Note** Make sure all semicolons are removed from the code to avoid parsing errors.

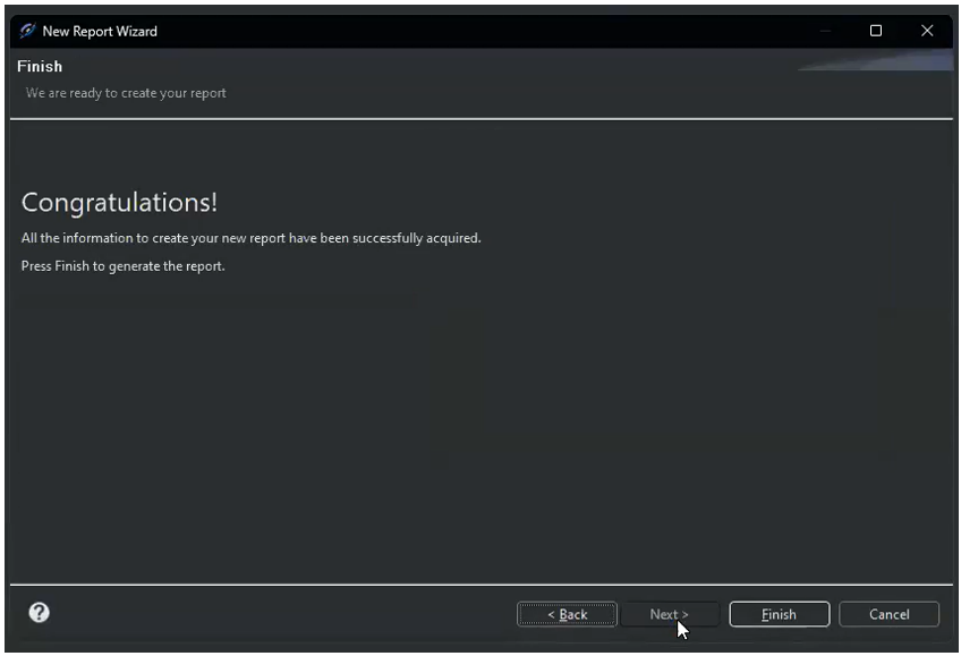
6. On the next window, use the **>>** button (include all) to add the selected the data set fields into the form and click **Next.**



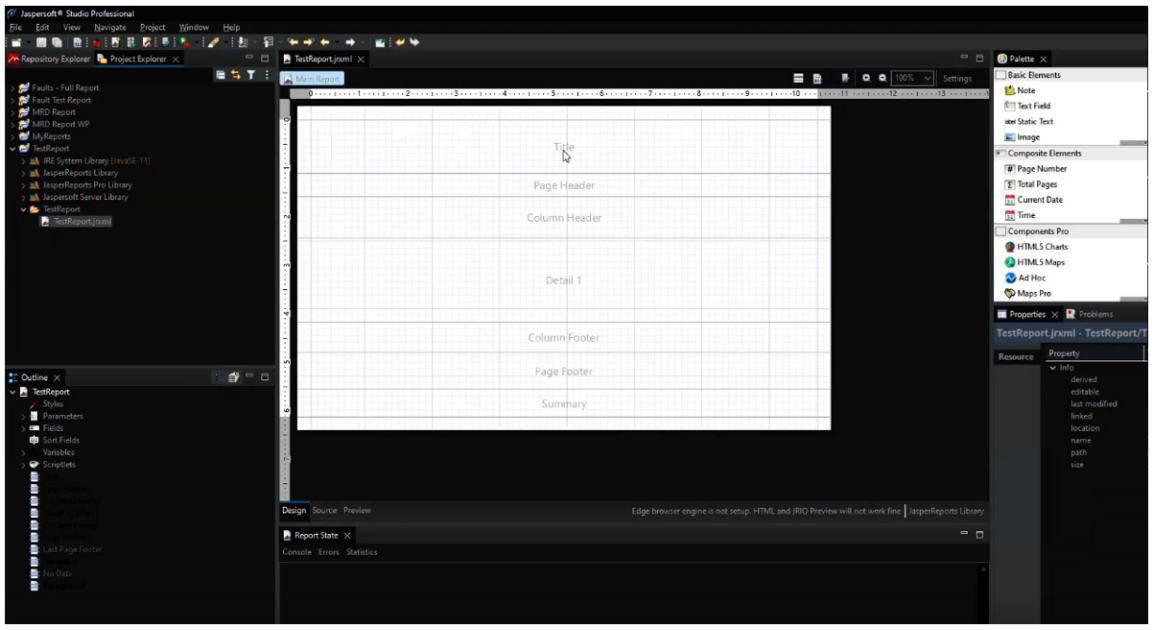
7. On the next window, the selected data fields can be used to group as required. This can also be done further down the process. Therefore, this step can be skipped at this point.



8. Click **Next.** This completes the data collection for the form to be generated.
9. On the next window, click **Finish** to generate the form.

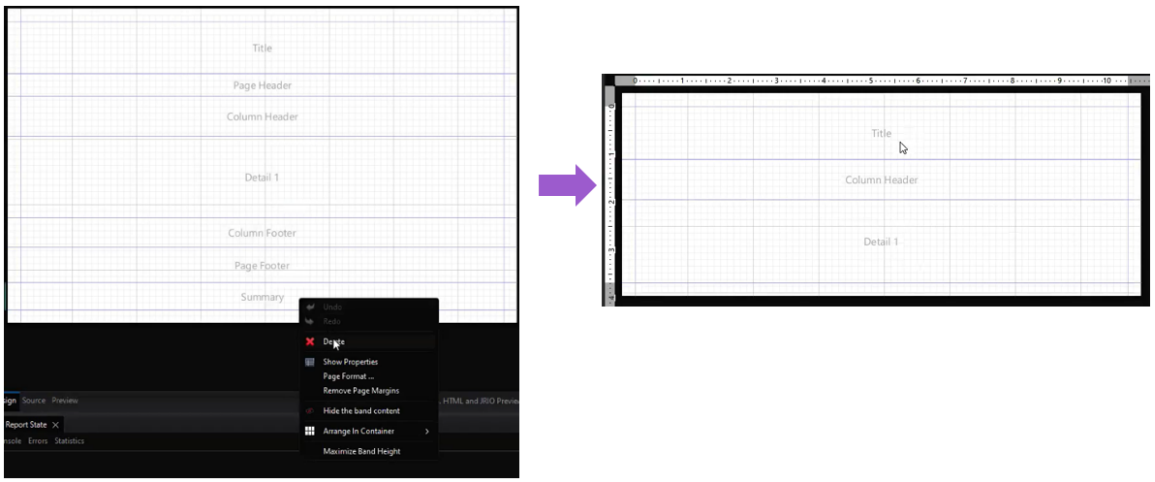


10. This will redirect into the form layout view.

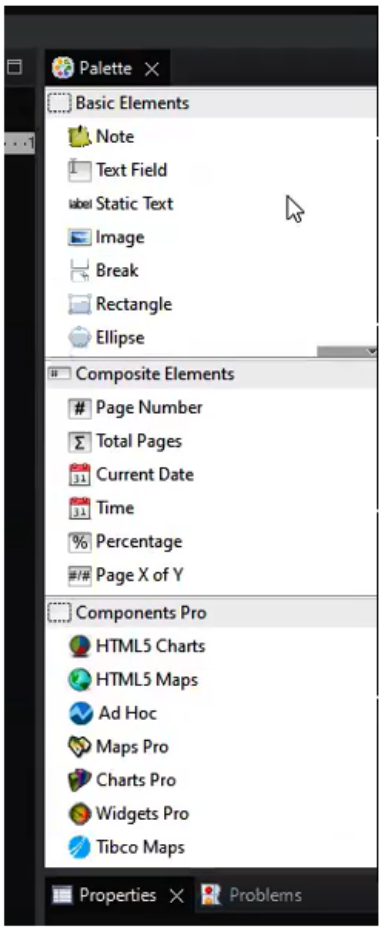


Modify form layout

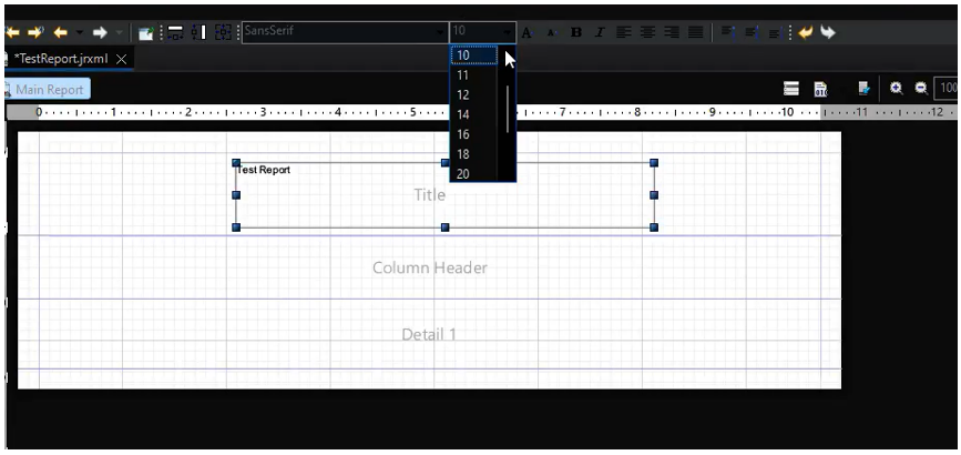
1. From the generated form layout, remove the bands that are not required for the form.
   a. To remove a band, right click on the band to be removed and click **Delete.**



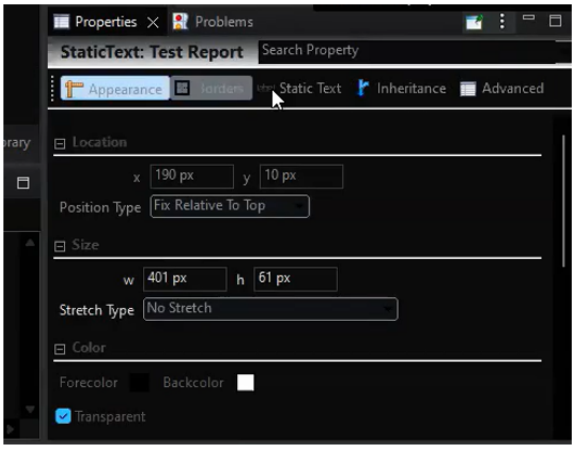
2. Drag and drop the required elements from the **Palette** pane on the right edge of the window, on to the form layout (E.g.: Static Text, Subreport, Frame, Border, etc.).



3. Use the provided editing functions to generate the required form UI.

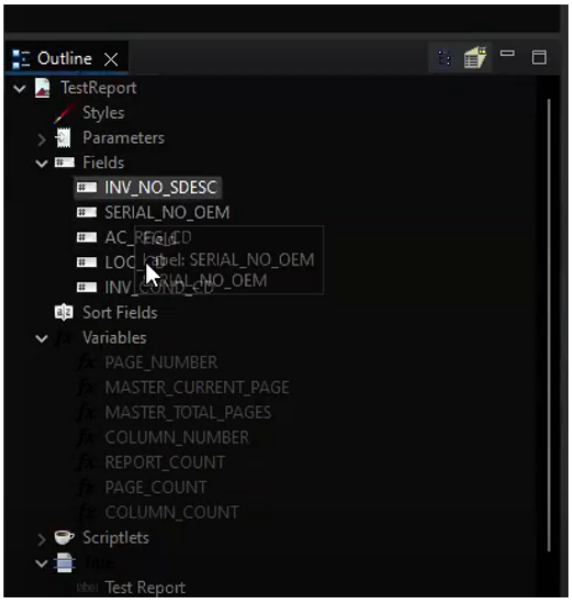


4. Further, use the **Properties** pane located on the bottom right of the window to modify the property settings of all elements that are added on to the form layout.

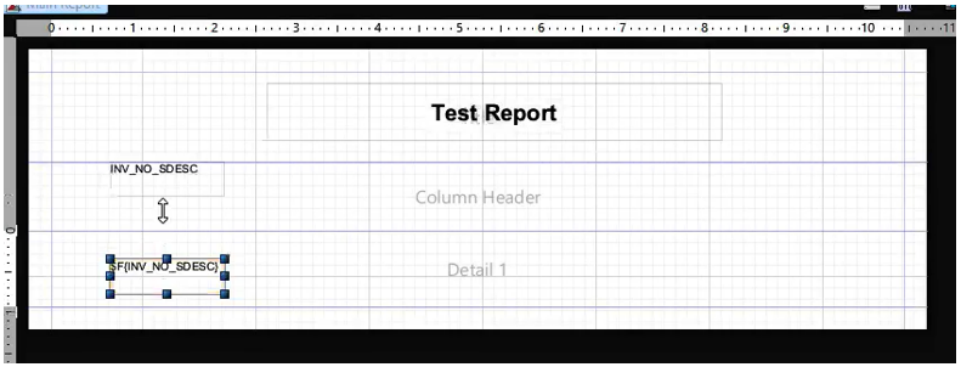


5. To add data set fields to the form:

   a. Locate the data fields from the **Outline** pane on the bottom left edge of the screen.

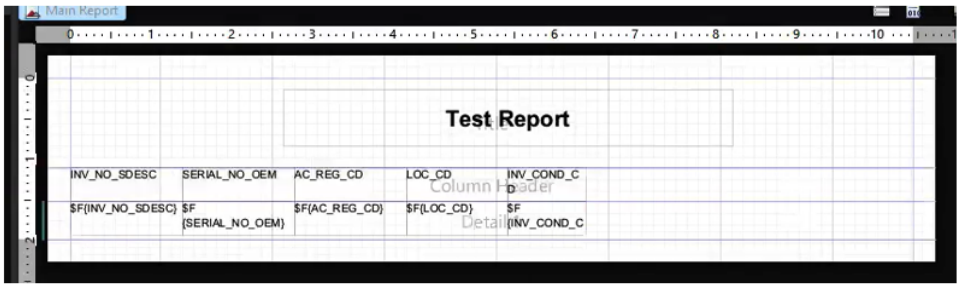


   b. Select the required data field and drag-drop same on to the **Detail** band of the layout view. This will also add an equivalent static text of the data field on the **Column Header** band.

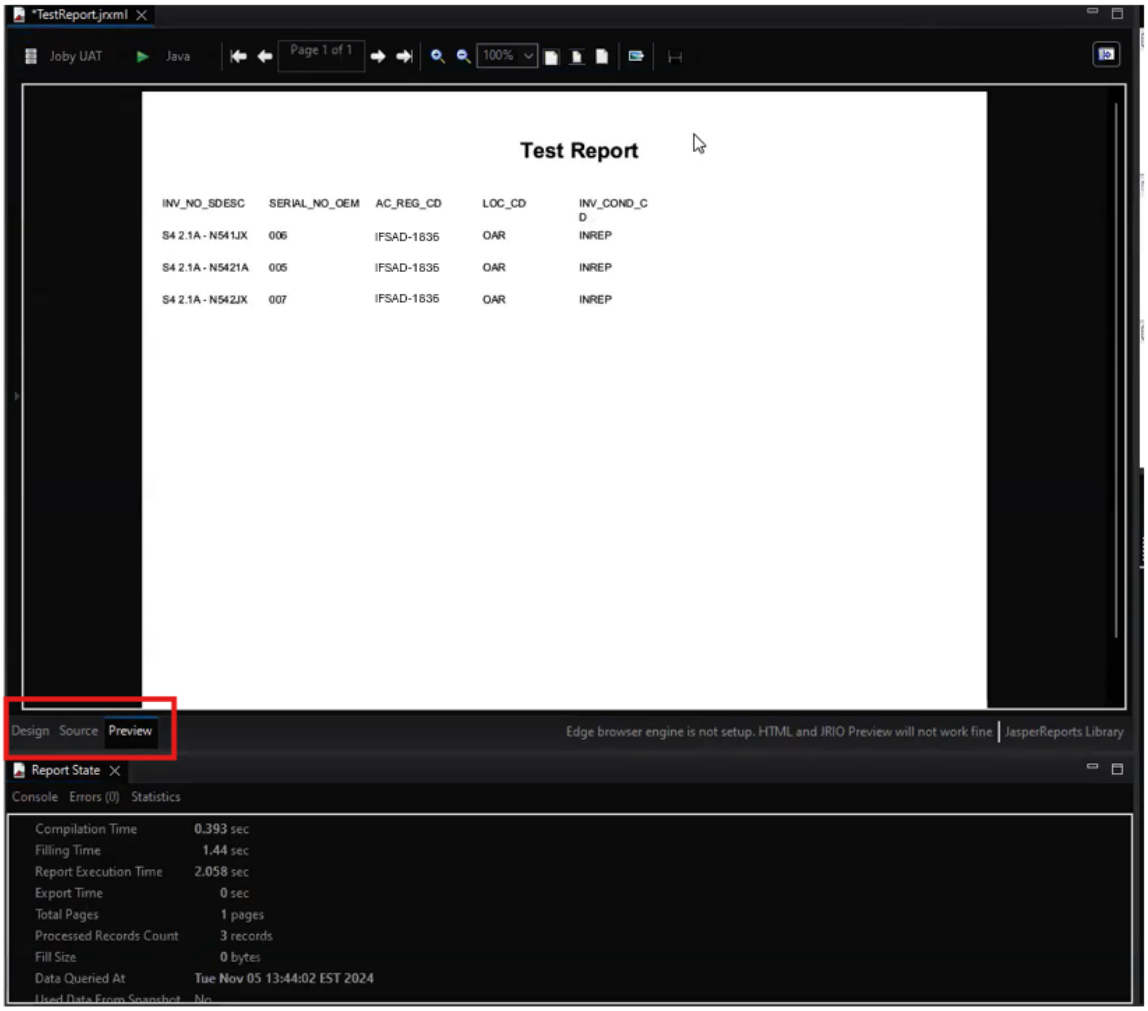


c. Use the **Properties** pane to modify the data field properties as required.

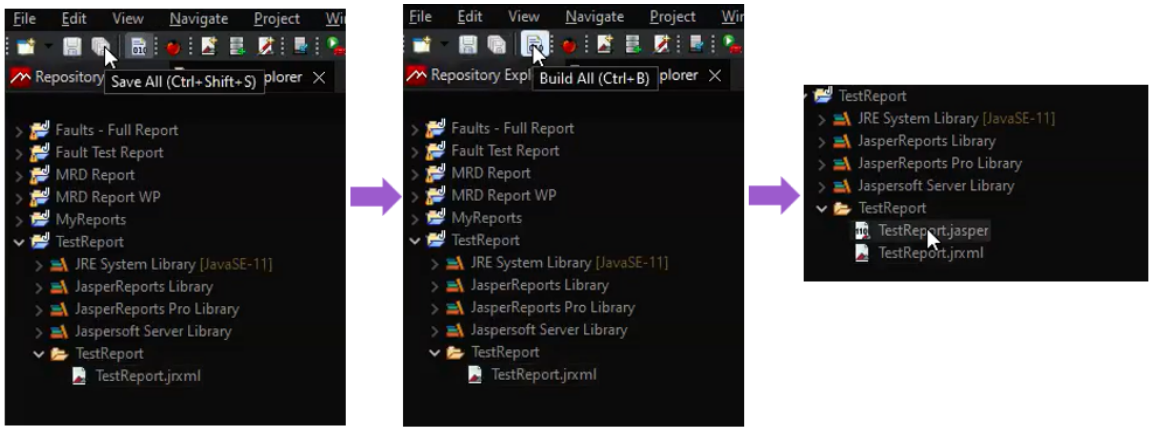
6. Drag and drop the remaining data fields from the **Outline** pane on to the layout and repeat step 5 as required.



7. Upon completion, switch the layout view from **Design** to **Preview** to view the report format.

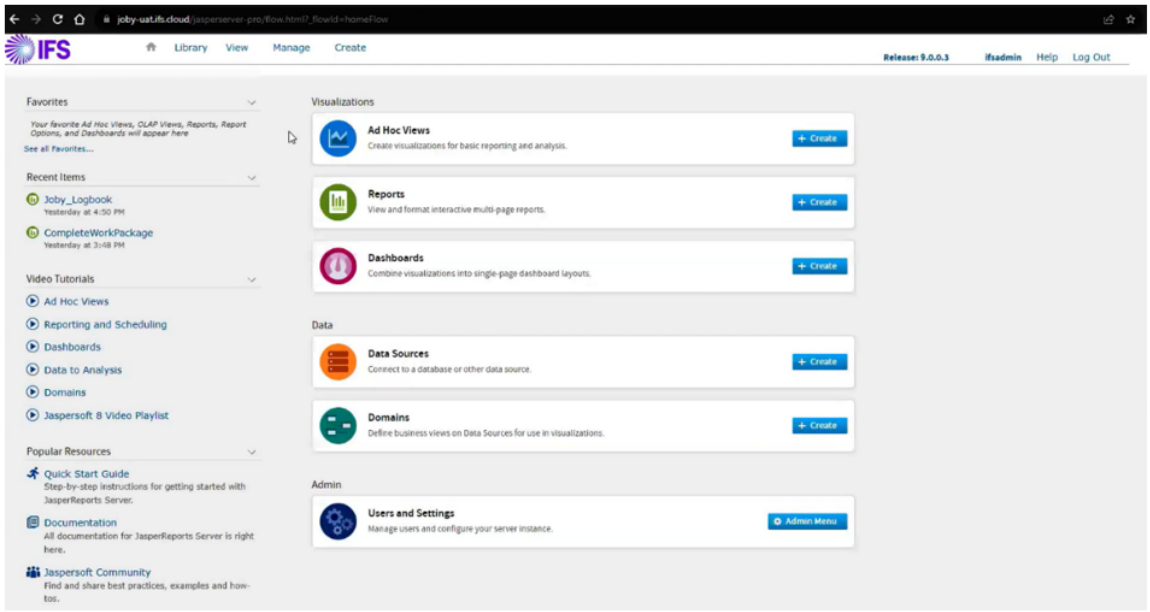


8. Switch back to the **Design** view to make any layout changes as required.
9. Once all changes are made and finalized, **Save** and **Build** the report. This will create a ***.jasper** file of the report within the folder.

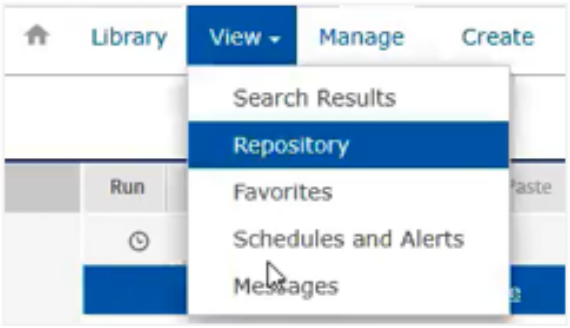


Publishing report to JasperServer UAT environment

1. Navigate to **jasperserver-pro** view (http://servername/jasperserver-pro/login.html) within the CAMO UAT environment. Provide login credentials if prompted.



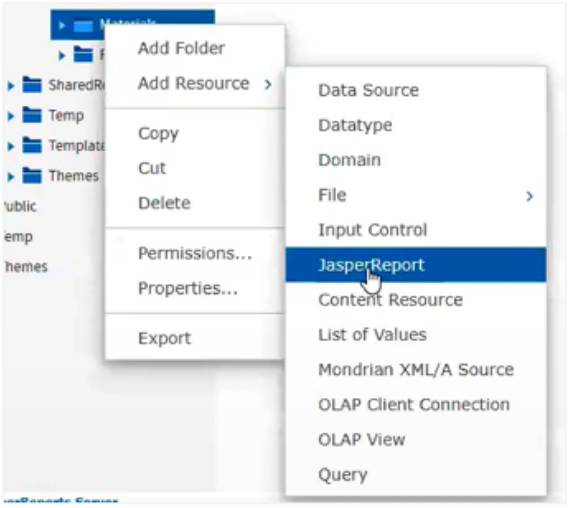
2. From the **View** tab, navigate to the **Repository** view.



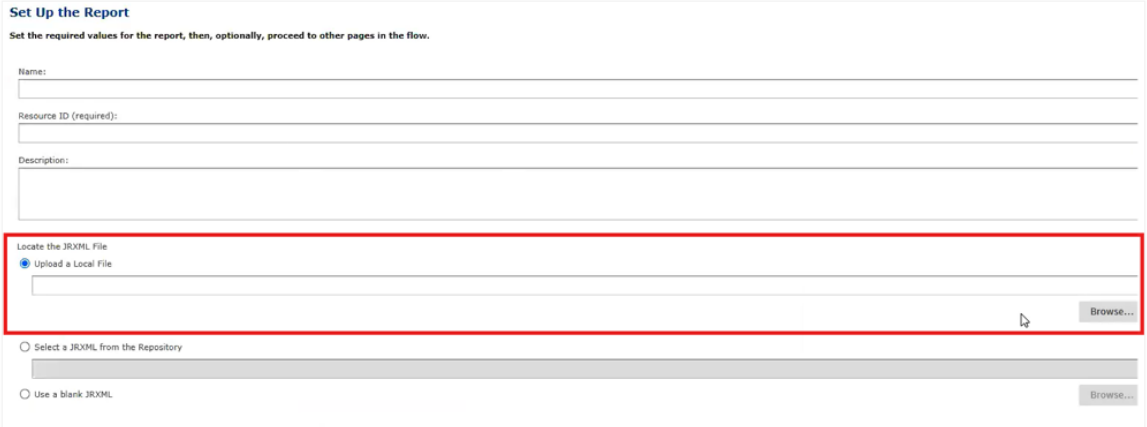
3. Locate the **Materials** folder from the navigation pane.



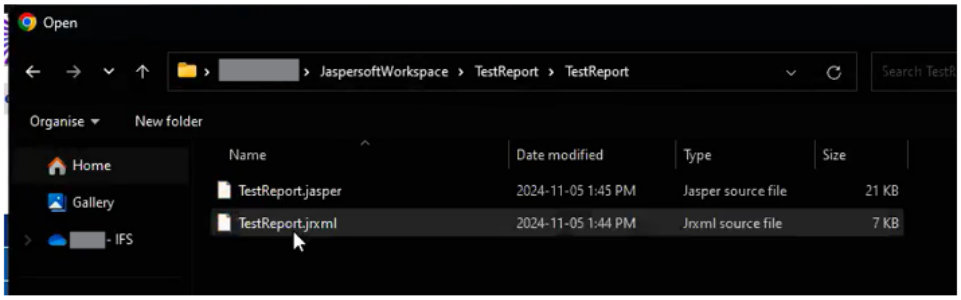
4. Right click on the **Materials** folder and select **Add Resource > JasperReport** to add a new report.



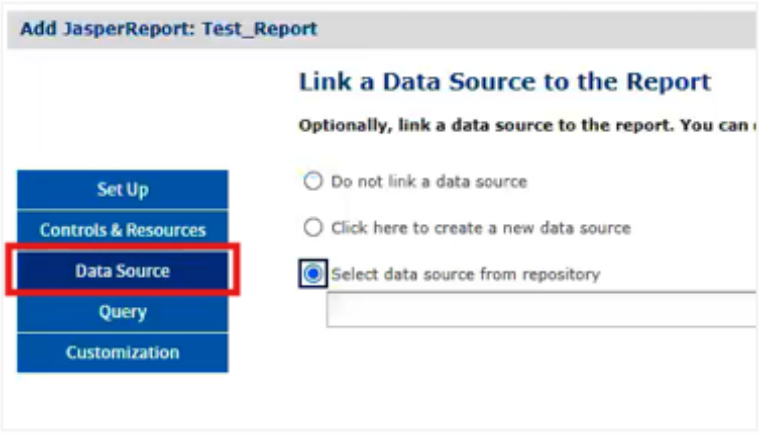
5. On the next window, navigate to the **Locate JRXML File** section and select **Upload a Local File.**



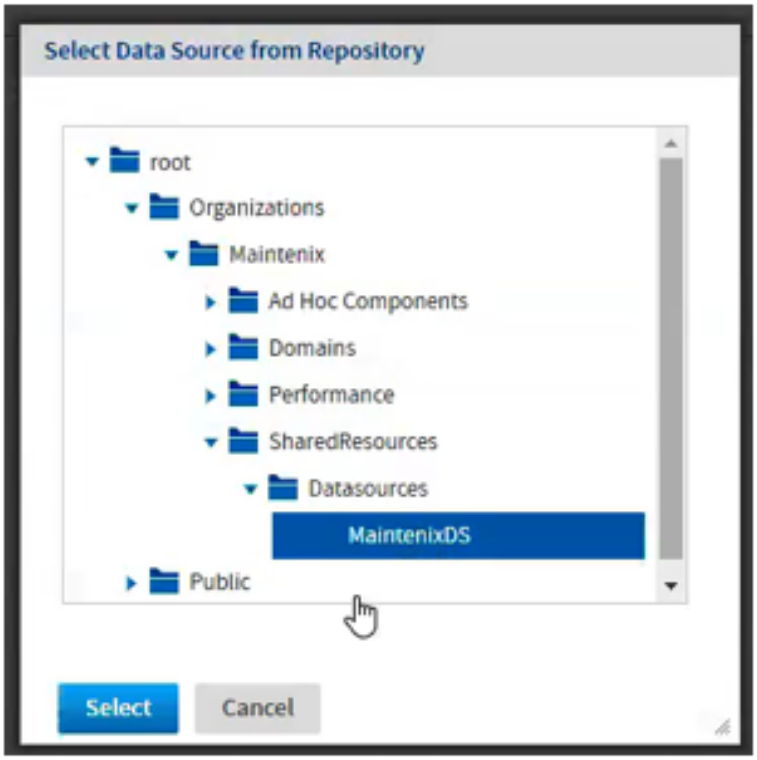
6. Click **Browse** to attach the previously created **TestReport.jrxml** file from the local machine.



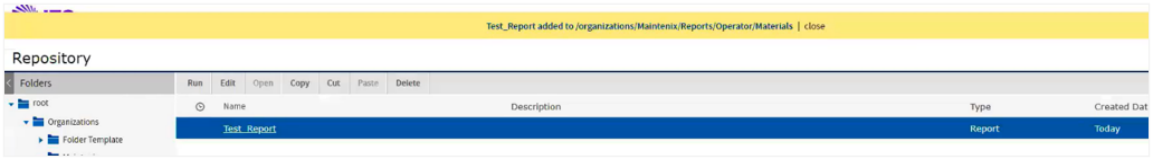
7. Provide a **Name,** and a **Description** for the report. The provided name will automatically duplicate into the **Resource ID (required)** field.
8. Click **Submit** to finish setting up the report.
9. On the same window, navigate to the **Data Source** tab.



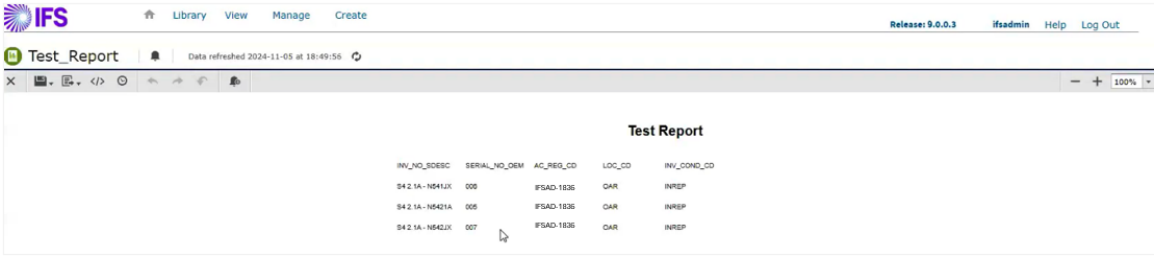
10. Of the provided options, select **Select data source from repository** and click **Browse** to link a data repository to the report.
11. Expand the folder hierarchy on the data source selection pop-up window to locate **MaintenixDS.** Click **Select** to set the data source.



12. Click **Submit** to finish setting up the data source. The newly created JasperReport will now appear in the repository.

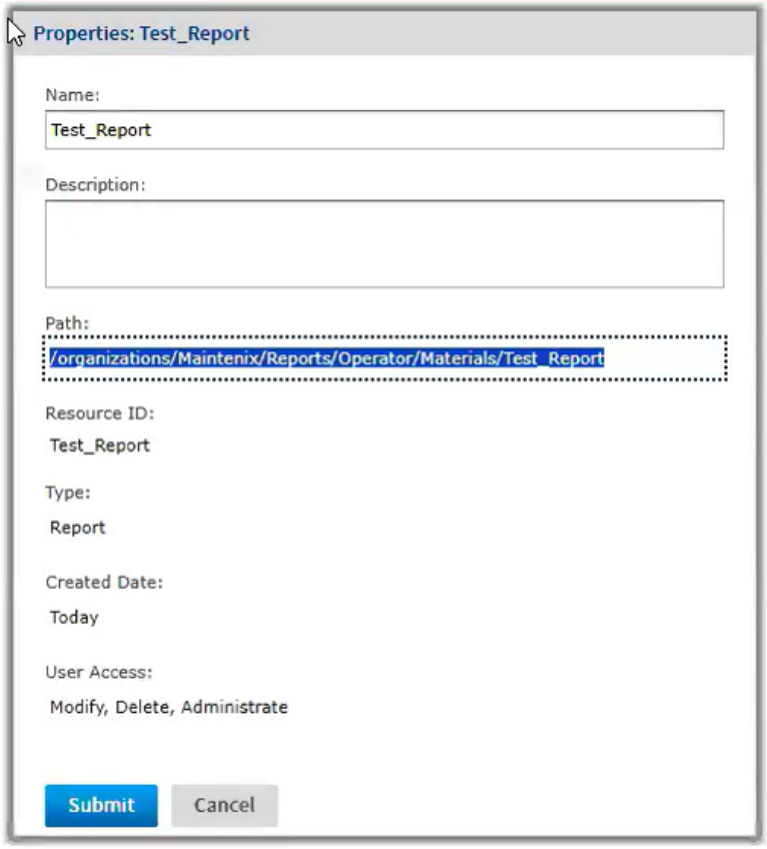


13. Open the new **Test_Report** file to run the report.



Connecting JasperReport from JasperServer UAT to Maintenix

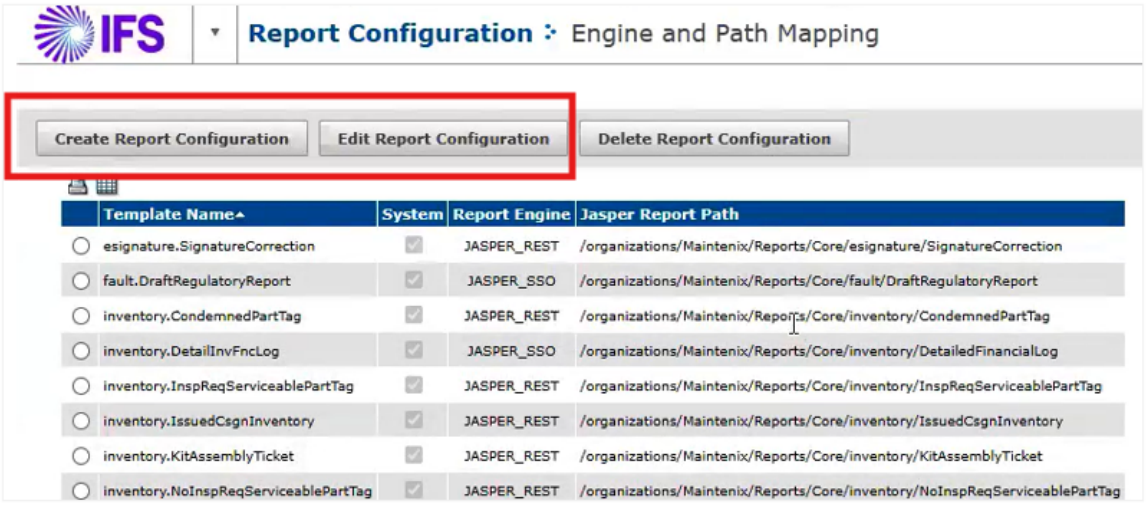
1. Obtain the report path from the **Test_Report** on the JasperServer environment. Right click on the report title and select **Properties** for this.



2. Navigate to the CAMO environment.
3. Expand the main menu and select **Administrator > Report Configuration.**



4. On the next window, use the path obtained in step 1 to either create new report configuration or edit an existing report configuration by clicking the respective buttons as indicated.



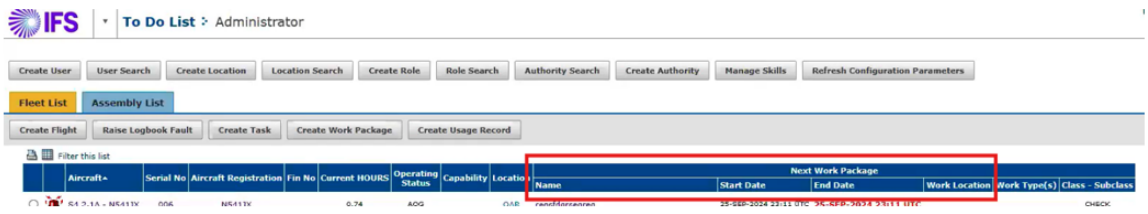
4

Building a sub report form

This chapter will cover the steps required to create a sub report form using JasperReports, and connecting same to the main report created as per the previous chapter which is now on CAMO.

Create a sub report

1. Identify the details required to build the report. This example uses the indicate information:

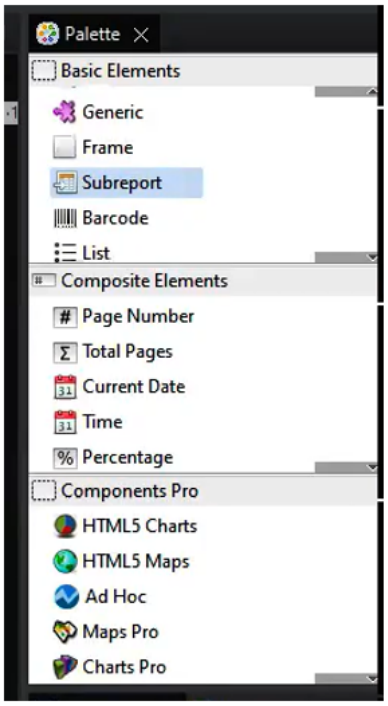


2. Follow steps 2-3 under *Determine the data fields required to create a report* section of this document to locate the tables relevant to the above details from the CAMO database ERDs. This example uses the following data tables:
   a. EVT_EVENT
   b. SCHED_STASK
   c. EVT_LOC
3. Writer the script/query to create connections between the CAMO database on the development application (E.g.: PL/SQL Developer):
   a. The query should be scripted in the following format:

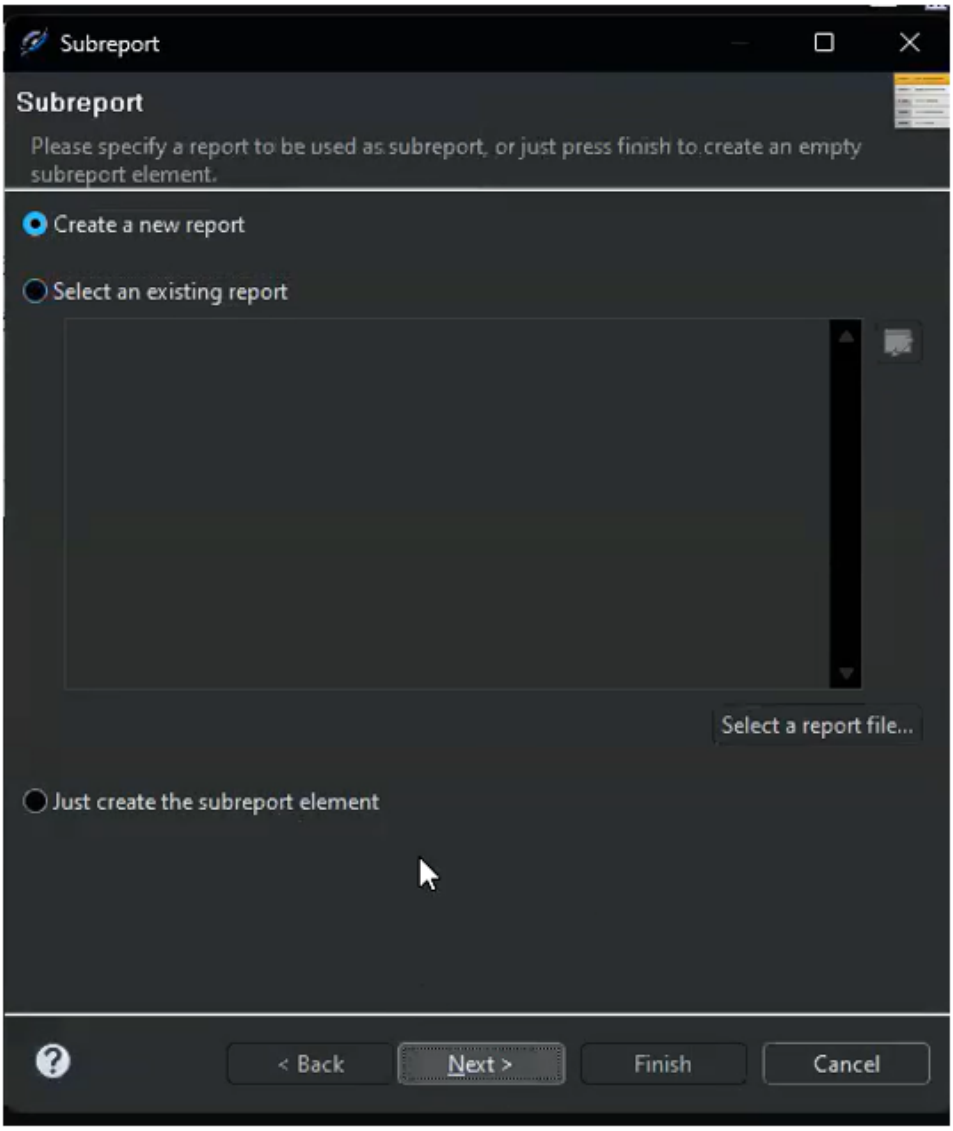
```
SELECT
   evt_event.sched_start_dt,
   evt_event.sched_end_dt,
   evt_event.event_sdesc,
   sched_stask.task_class_cd,
   inv_loc.loc_cd
FROM
   sched_stask
   JOIN evt_event ON
        sched_stask.sched_id = evt_event.event_id AND
        sched_stask.sched_db_id = evt_event.event_db_id
   LEFT JOIN evt_loc ON
        evt_event.event_id = evt_loc.event_id AND
        evt_event.event_db_id = evt_loc.event_db_id
   LEFT JOIN inv_loc ON
        evt_loc.loc_id = inv_loc.loc_id AND
        evt_loc.loc_db_id = inv_loc.loc_db_id
WHERE
   sched_stask.task_class_cd = 'CHECK' AND
   evt_event.event_status_cd IN ('ACTV','IN WORK')
```

b. Run the query to preview the data set.

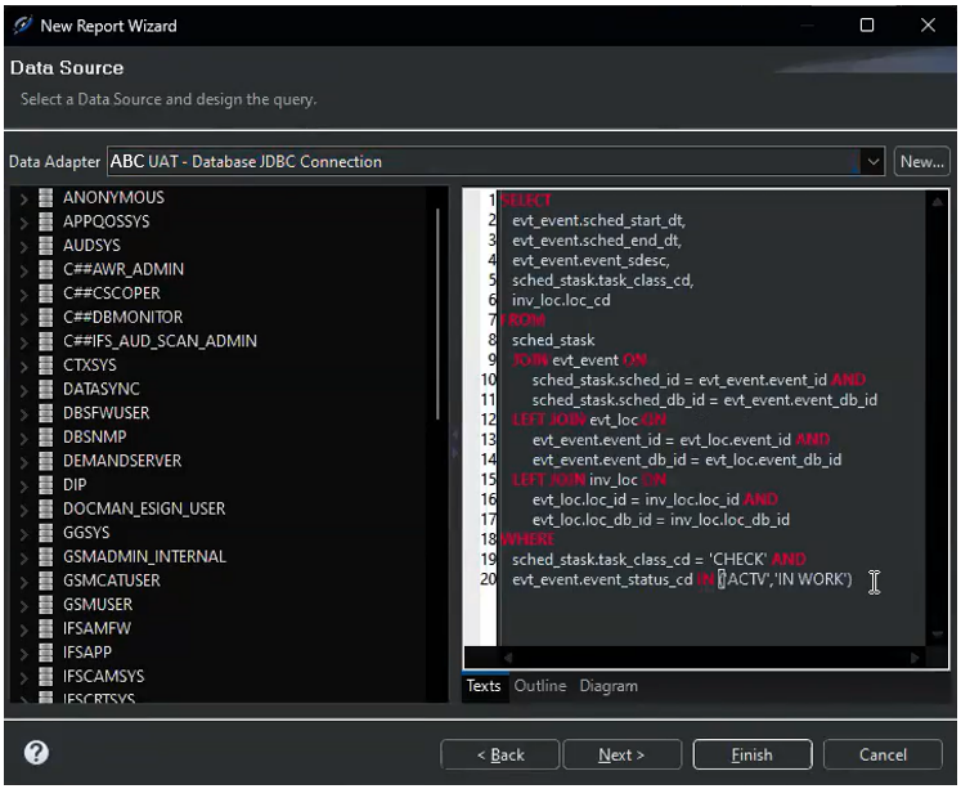
4. Navigate to JasperSoft Studio. Follow the steps under the *Create new report* section of this document to design the report layout.
5. Drag and drop the **Subreport** element from the **Palette** to the form layout view. This will open the sub report window.



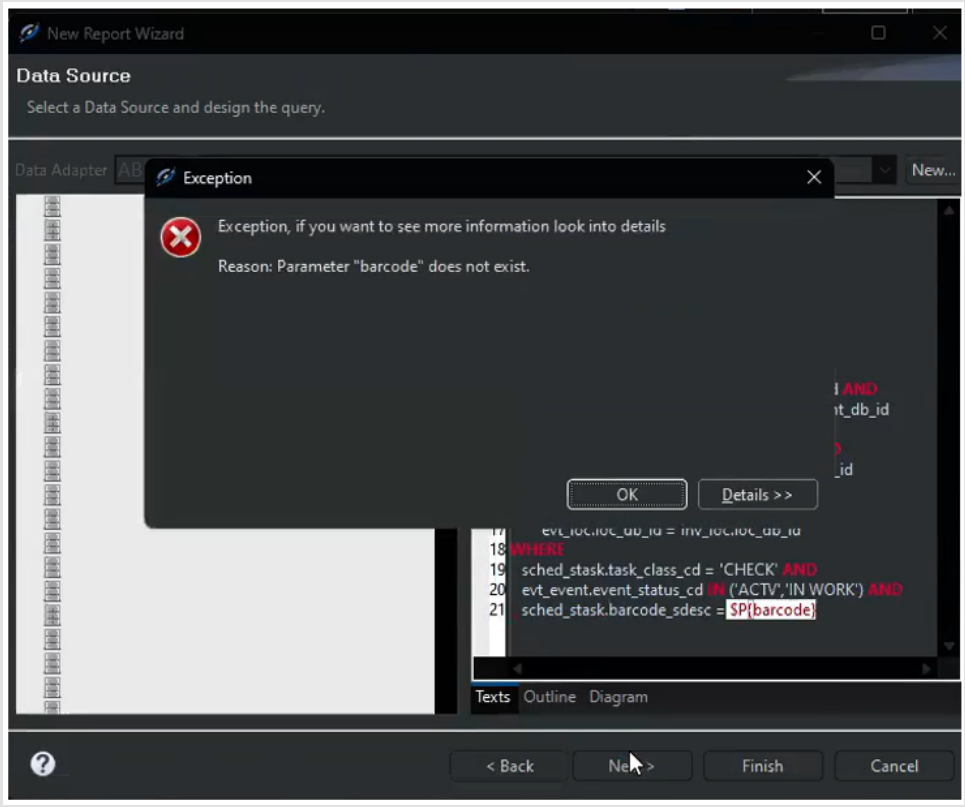
6. Mark the **Create New Report** radio button and click **Next.**



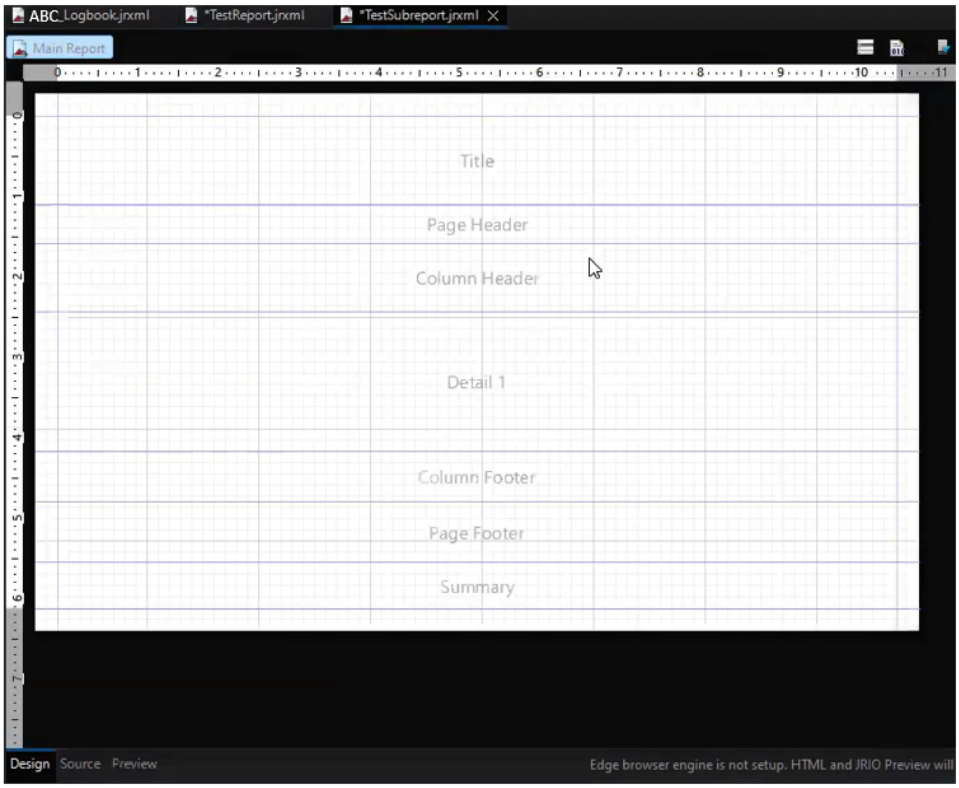
7. Follow steps 2-4 under the *Create new report* section of this document to start setting up the sub report.
8. Copy and paste the complete query created under step 3.A of the current section of this document on the text pane of the same window as indicated and click **Next.**


New Report Wizard
Data Source
Select a Data Source and design the query.
Data Adapter
ABC UAT - Database JDBC Connection
New...
ANONYMOUS
APPQOSSYS
AUDSYS
C##AWR_ADMIN
C##CSCOPER
C##DBMONITOR
C##IFS_AUD_SCAN_ADMIN
CTXSYS
DATASYNC
DBSFWUSER
DBSNMP
DEMANDSERVER
DIP
DOCMAN_ESIGN_USER
GGSYS
GSMADMIN_INTERNAL
GSMCATUSER
GSMUSER
IFSAMFW
IFSAPP
IFSCAMSYS
SELECT
evt_event.sched_start_dt,
evt_event.sched_end_dt,
evt_event.event_sdesc,
sched_stask.task_class_cd,
inv_loc.loc_cd
FROM
sched_stask
JOIN evt_event ON
sched_stask.sched_id = evt_event.event_id AND
sched_stask.sched_db_id = evt_event.event_db_id
LEFT JOIN evt_loc ON
evt_event.event_id = evt_loc.event_id AND
evt_event.event_db_id = evt_loc.event_db_id
LEFT JOIN inv_loc ON
evt_loc.loc_id = inv_loc.loc_id AND
evt_loc.loc_db_id = inv_loc.loc_db_id
WHERE
sched_stask.task_class_cd = 'CHECK' AND
evt_event.event_status_cd IN ('ACTV','IN WORK')
Texts
Outline
Diagram
< Back
Next >
Finish
Cancel

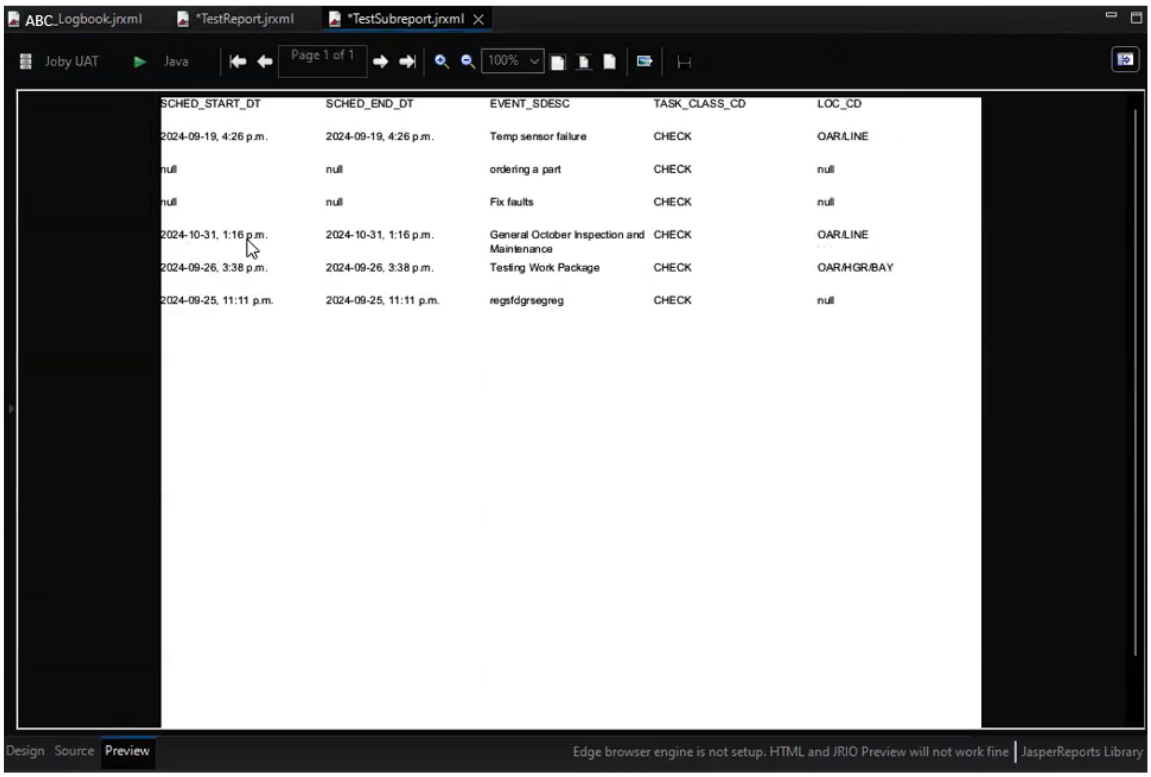
Note Make sure to omit any parameters that are to be parsed from the query at this stage as this would prompt an error message indicating that the parameter does not exist.



9. Follow steps 6-9 under the *Create new report* section of this document to finish setting up the sub report.
10. This will open the newly created sub report layout in a new tab on the design view as indicated.



11. Follow steps 1-7 under the *Modify form layout* section of this document to add new data fields to the sub report, modify the report layout as required, and to preview the sub report.

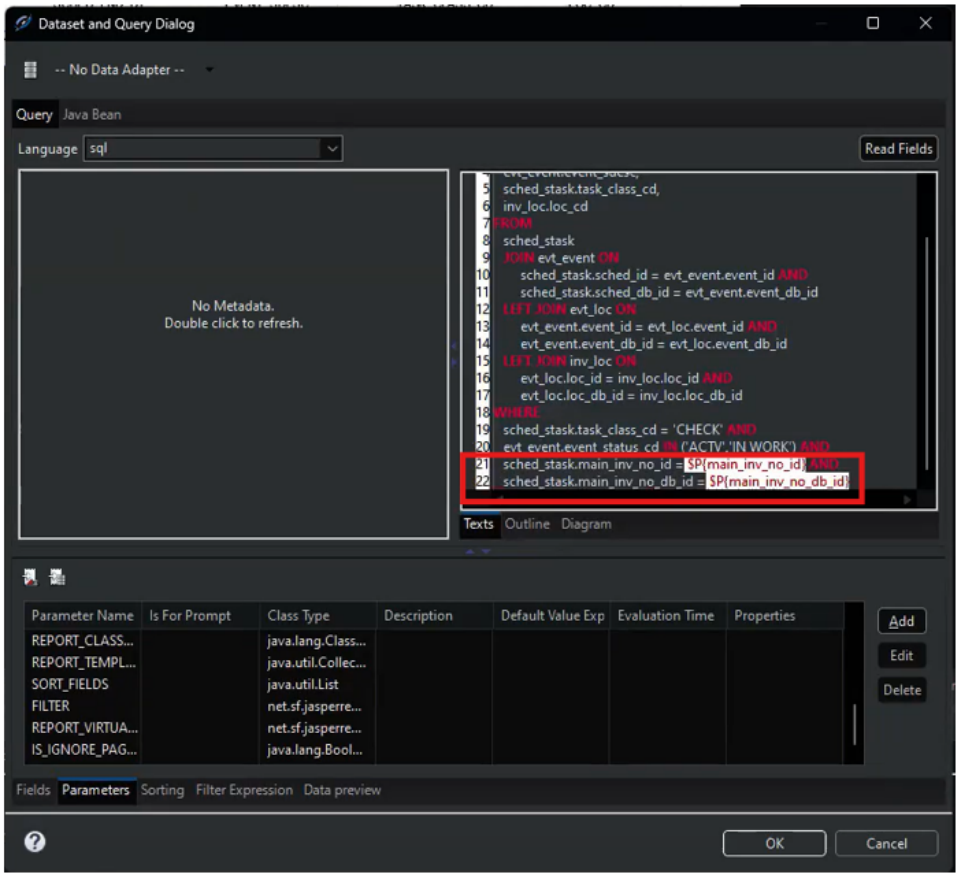


Pass parameters to the sub query/sub report

1. Open the **Dataset and Query Dialog** window by clicking the indicated button.

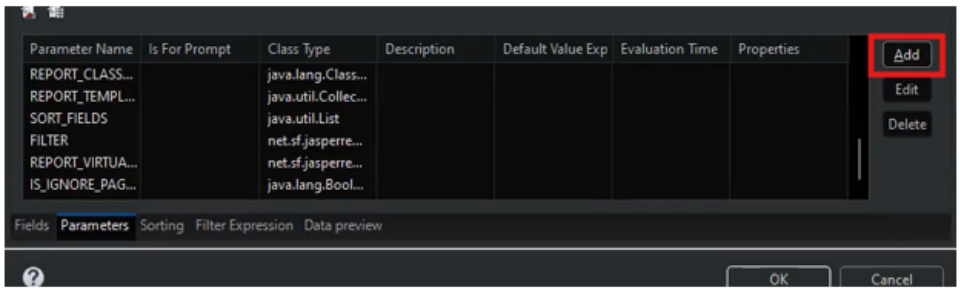


2. Directly introduce the parameters into the sub query.

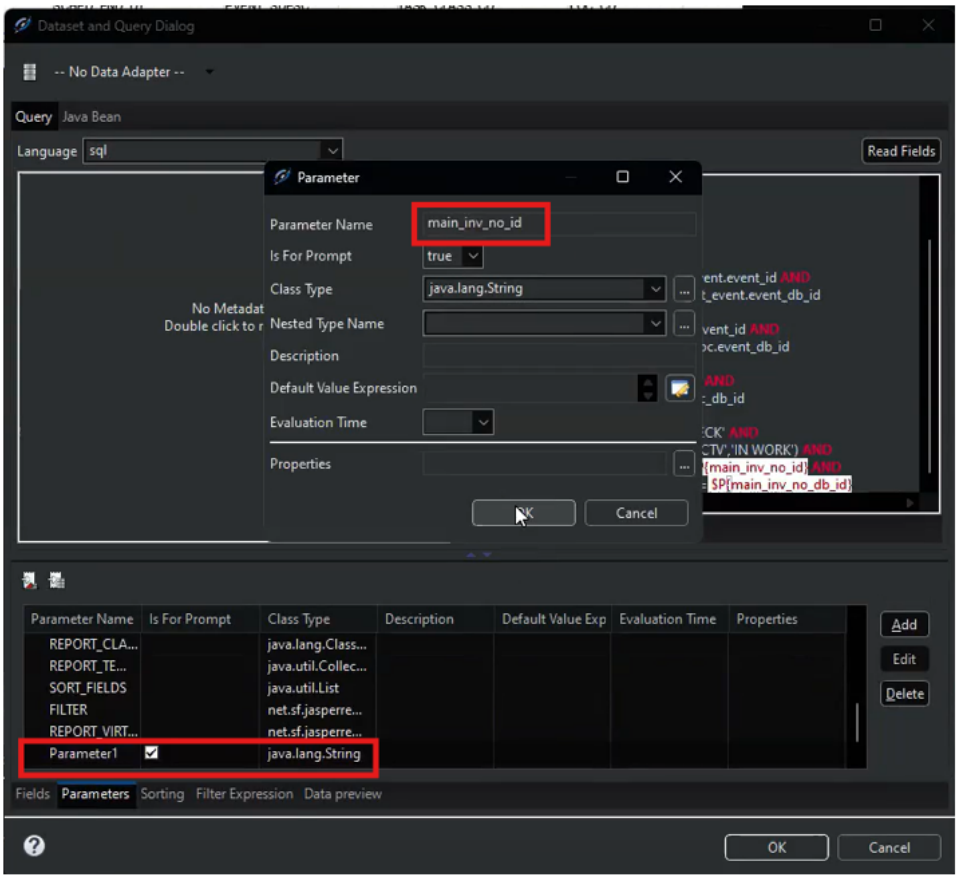


3. Simultaneously, add the new parameters from the **Parameters** section of the same window.

   a. Locate the **Parameters** tab and click **Add.**

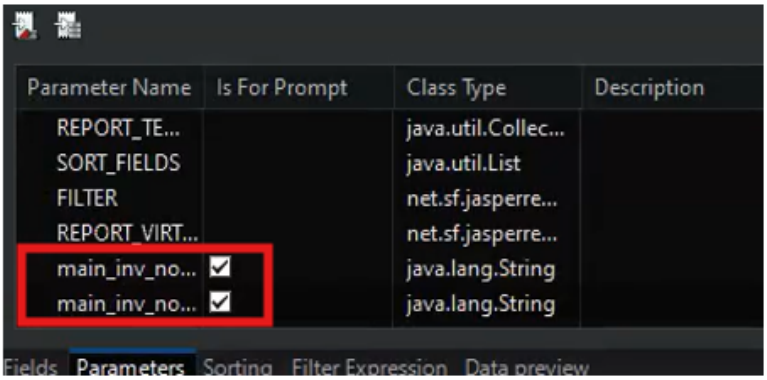


b. This will introduce a default parameter **Parameter 1** into the table. Modify the parameter name on the Parameter 1 pop-up window that appears next and click **OK.**

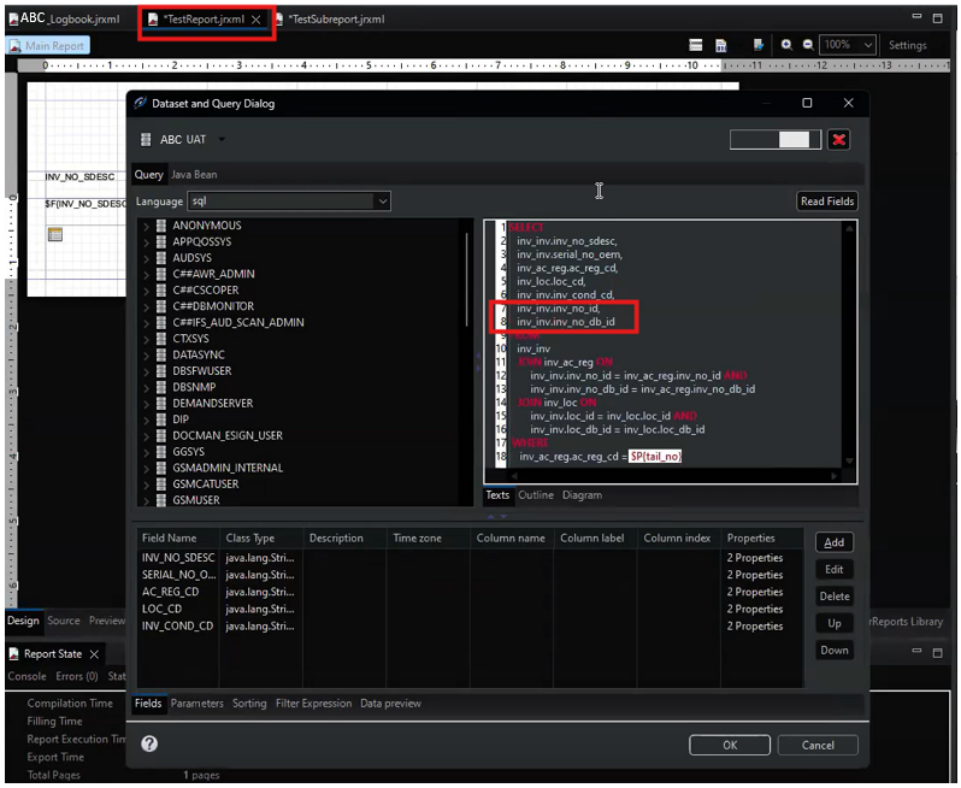


c. Repeat the above steps for any new parameters that are added into the query and click **OK** to finish adding parameters.

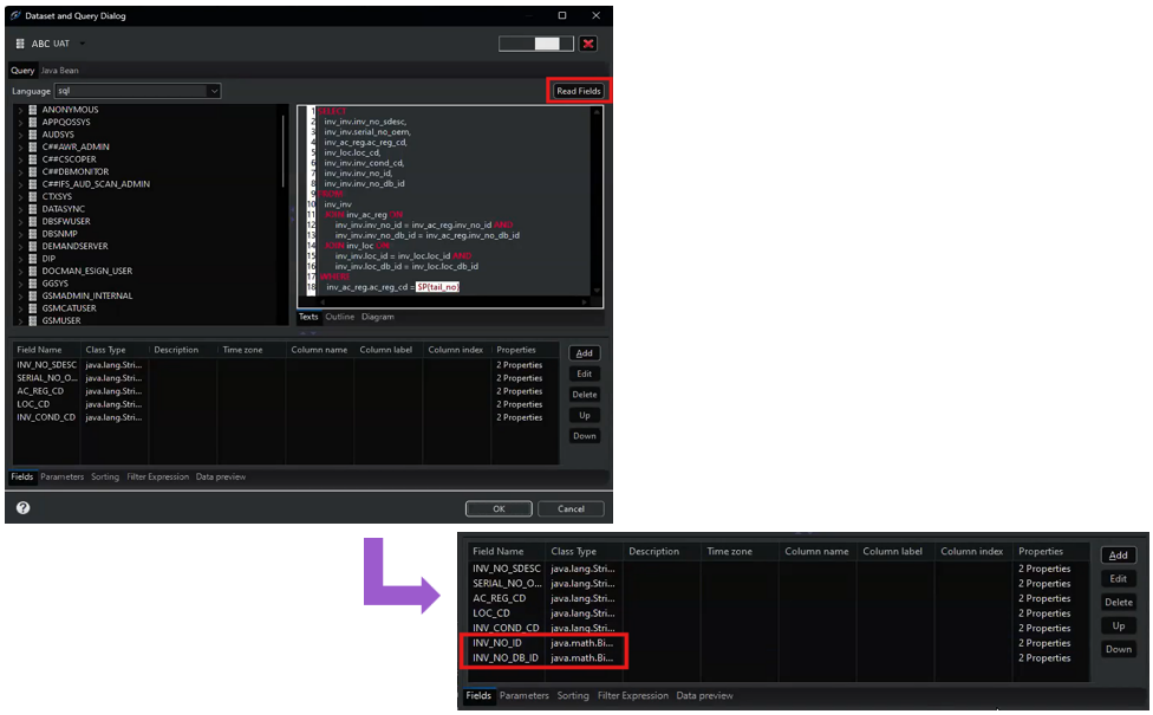
d. As such, all new parameters that are added into the sub query will be displayed as follows:



4. Navigate back to the main report tab (TestReport.jrxml).
5. Open the **Dataset and Query Dialog** window and pull the new parameters from the sub report into the main report as indicated.



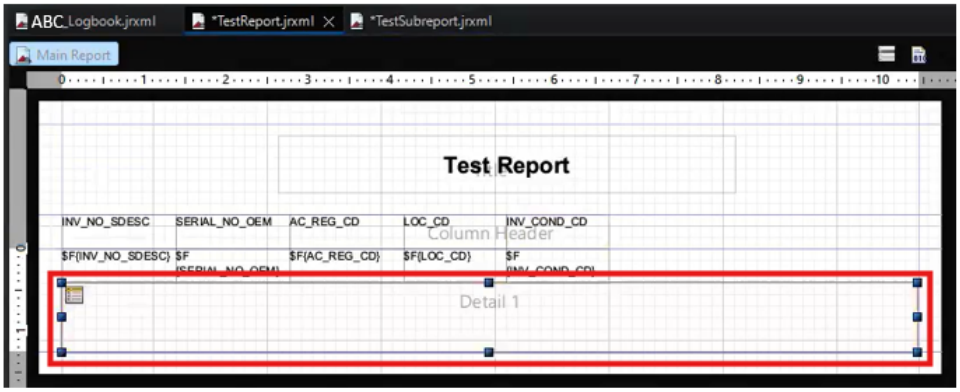
6. Click on **Read Fields.** Once completed, make sure that the new fields are now displayed on the **Parameters** table.



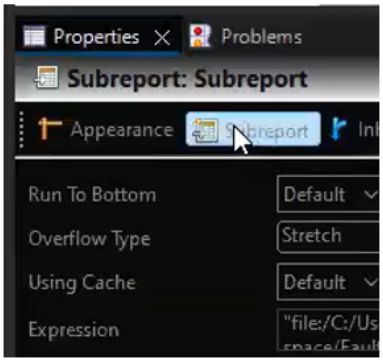
7. Click **OK.**

8. To pass new parameters:

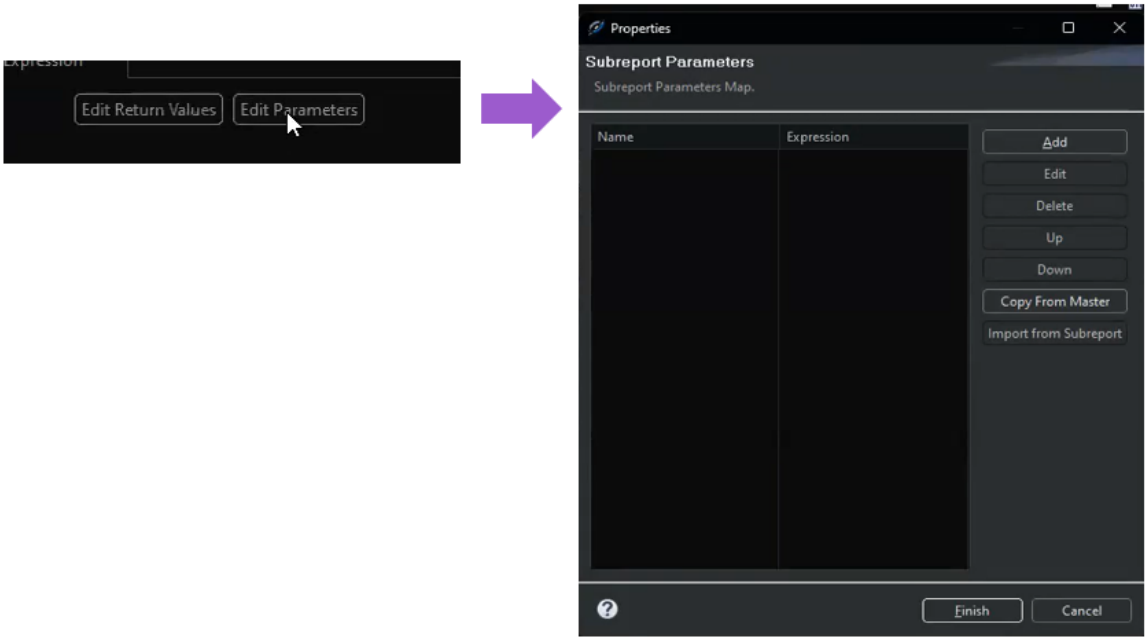
   a. Navigate to the main report tab and click on the **Details** band - this holds the sub report element.



   b. On the **Properties** pane, click on the **Subreport** tab.

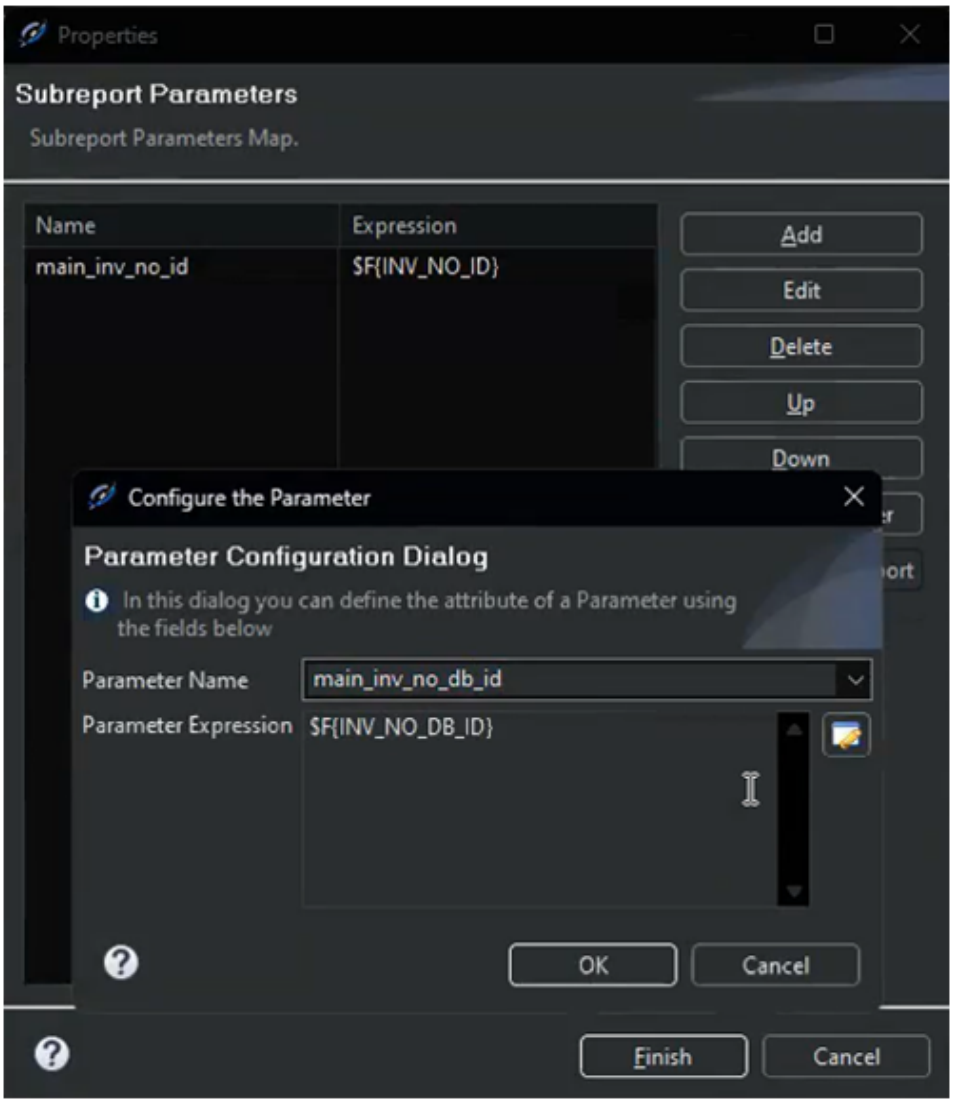


   c. Locate and click the **Edit Parameters** button to open the **Parameter Properties** window.



d. Click on **Add** to add and configure the new parameters that were introduced to the report.

e. On the next pop-up window, provide the parameter name under **Parameter Name,** and the field name under **Parameter Expression** as indicated.



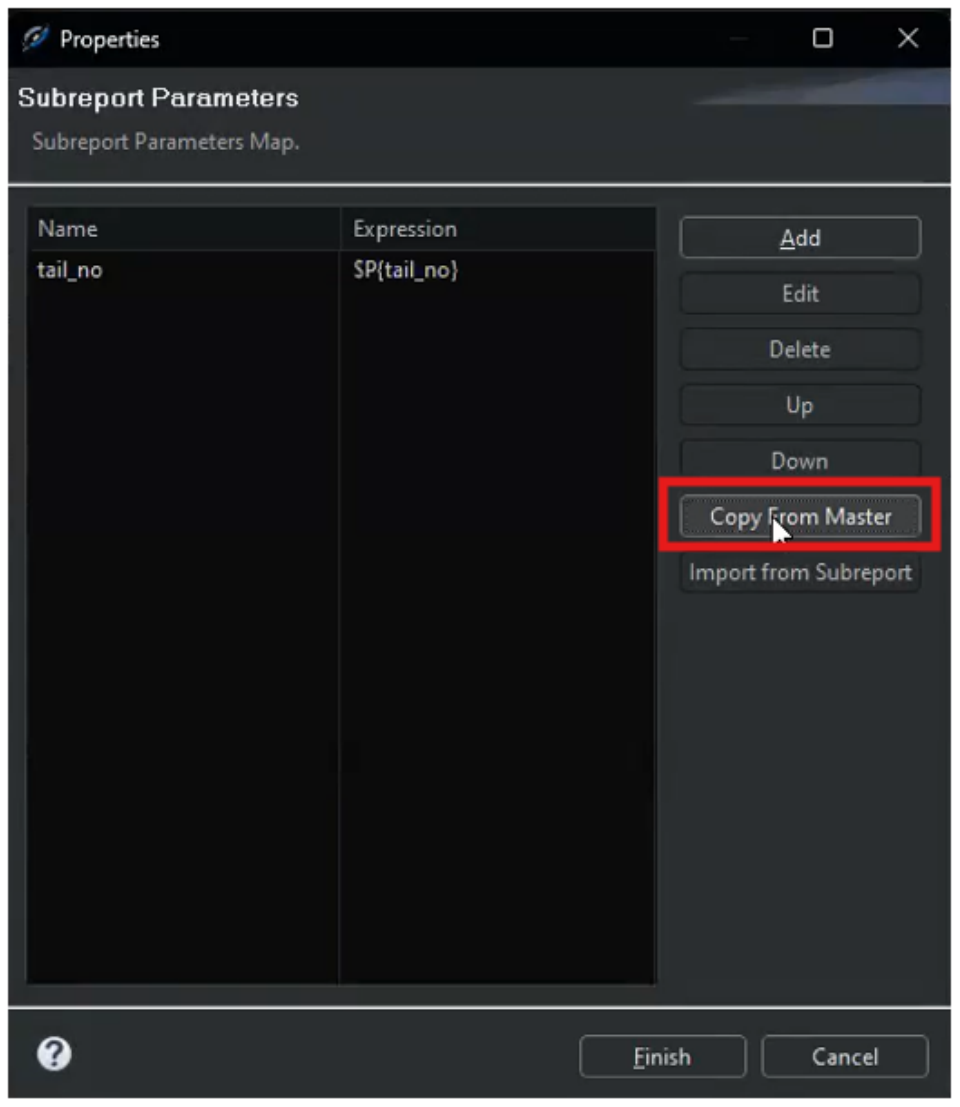
Note **Parameter Expression** entry is case sensitive. Make sure to use lowercase/ uppercase characters appropriately when adding the field names.

f. Click **OK** to finish parameter configuration.

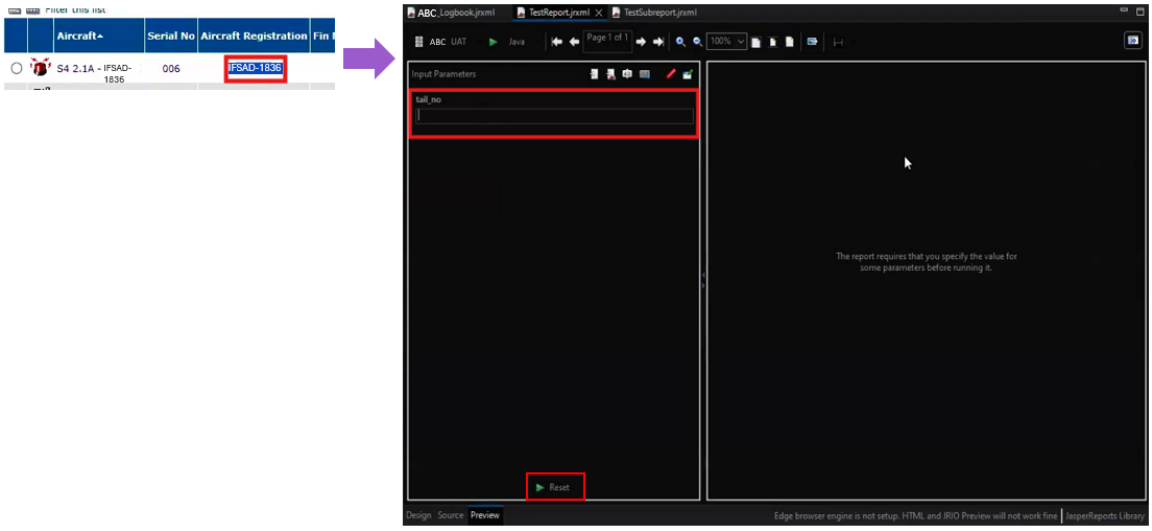
g. Repeat the above steps for all newly introduced parameters. Once completed, click **Finish.**


Properties
Subreport Parameters
Subreport Parameters Map.
Name
Expression
main_inv_no_id
$F{INV_NO_ID}
main_inv_no_db_id
$F{INV_NO_DB_ID}
Add
Edit
Delete
Up
Down
Copy From Master
Import from Subreport
Finish
Cancel

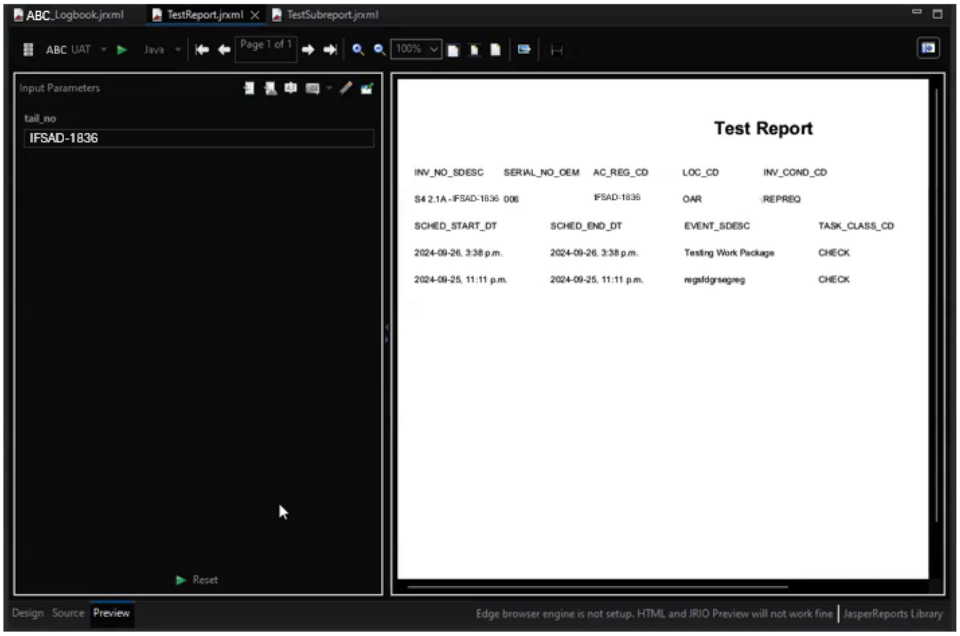
Note Click on **Copy From Master** if the same parameter is to be used to drive both the main report and the sub report. This will automatically pull the parameter details on to the **Parameter Properties** window.



9. Compile, save, and rin the report.
10. Navigate to the **Preview** tab. To view the complete preview of the report, enter an input parameter value and click **Reset.**

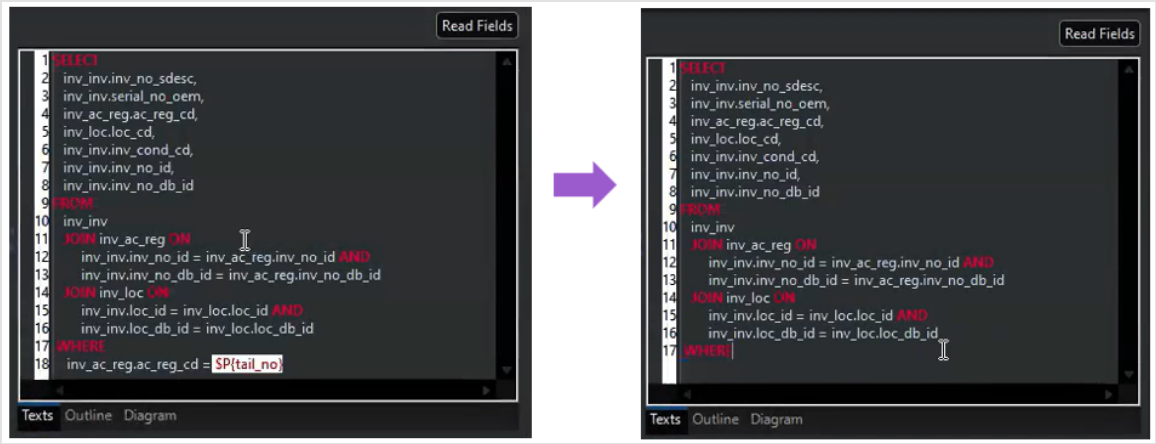


11. Report preview will now be displayed as indicated.

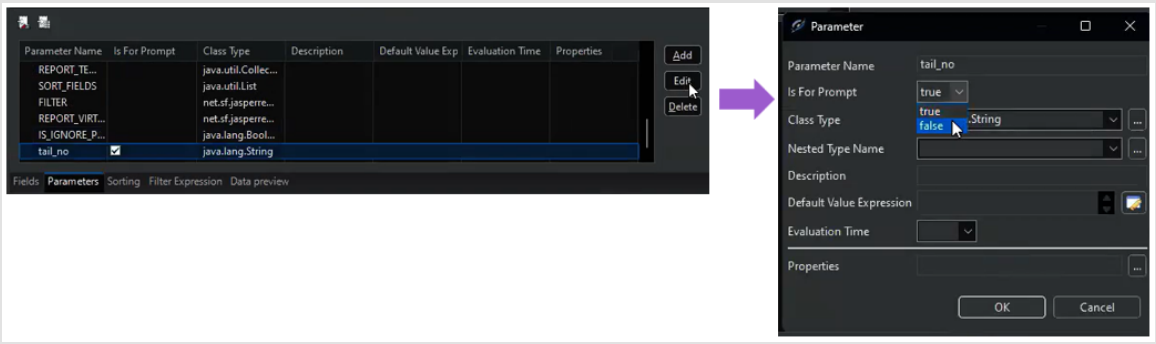


Note The information to be displayed on the report can be modified by making changes to the main report query and/or sub report query through the **Dataset and Query Dialog** window. For example:

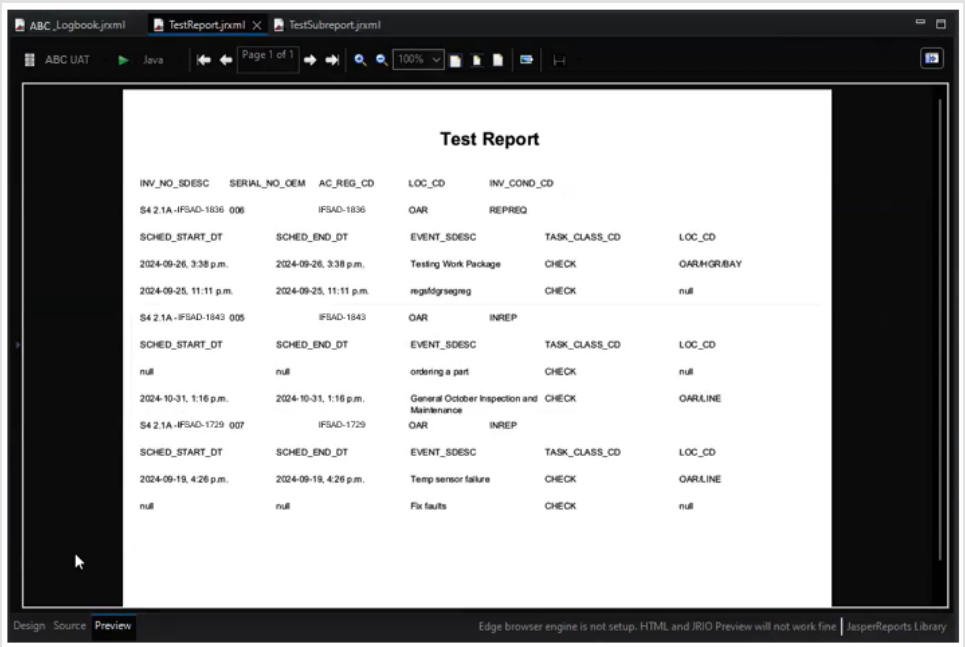
a. Remove parameter from the main report query from the WHERE clause.



b. Set the **Is For Prompt** value on the properties pop-up as **False.**



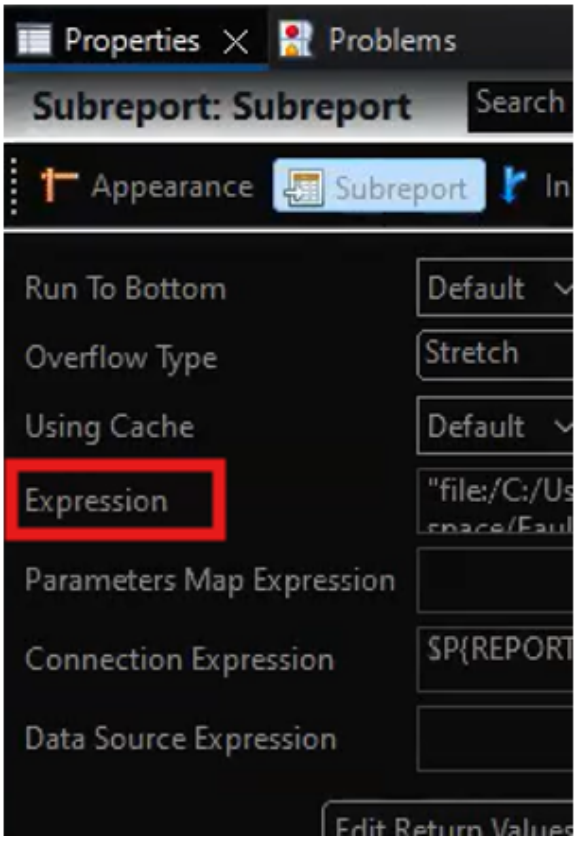
c. **Compile** and **Preview** report.



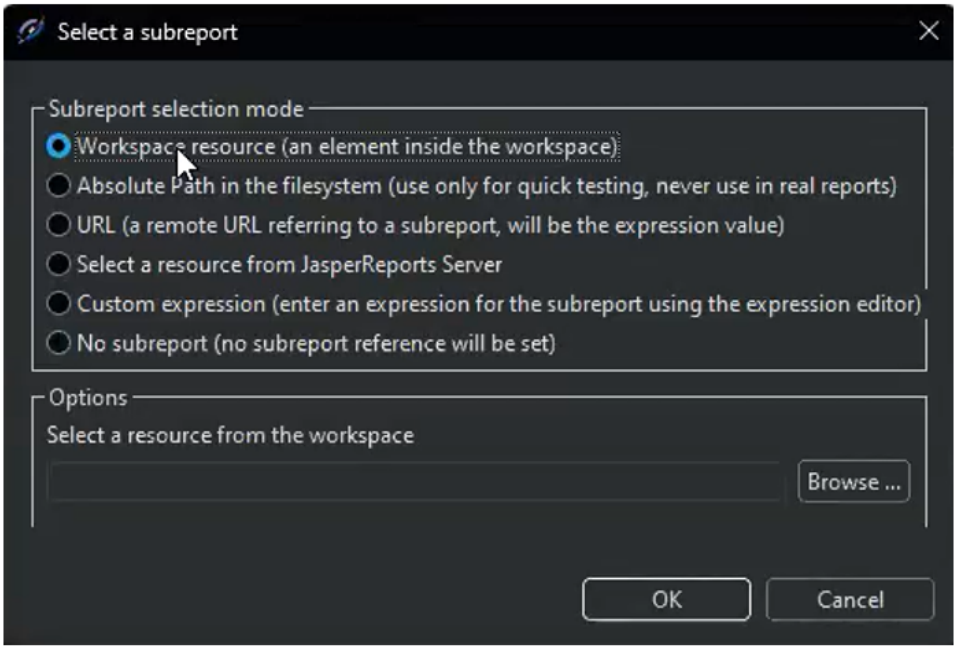
12. Once all changes are made and finalized, **Save** and **Build** report.
13. Upon completion, the report can be published on JasperServer, and then to CAMO by following the steps under *Publishing report to JasperServer UAT environment* and *Connecting JasperReport from JasperServer UAT to Maintenix* sections of this document.

Connecting sub report from JasperServer to Maintenix

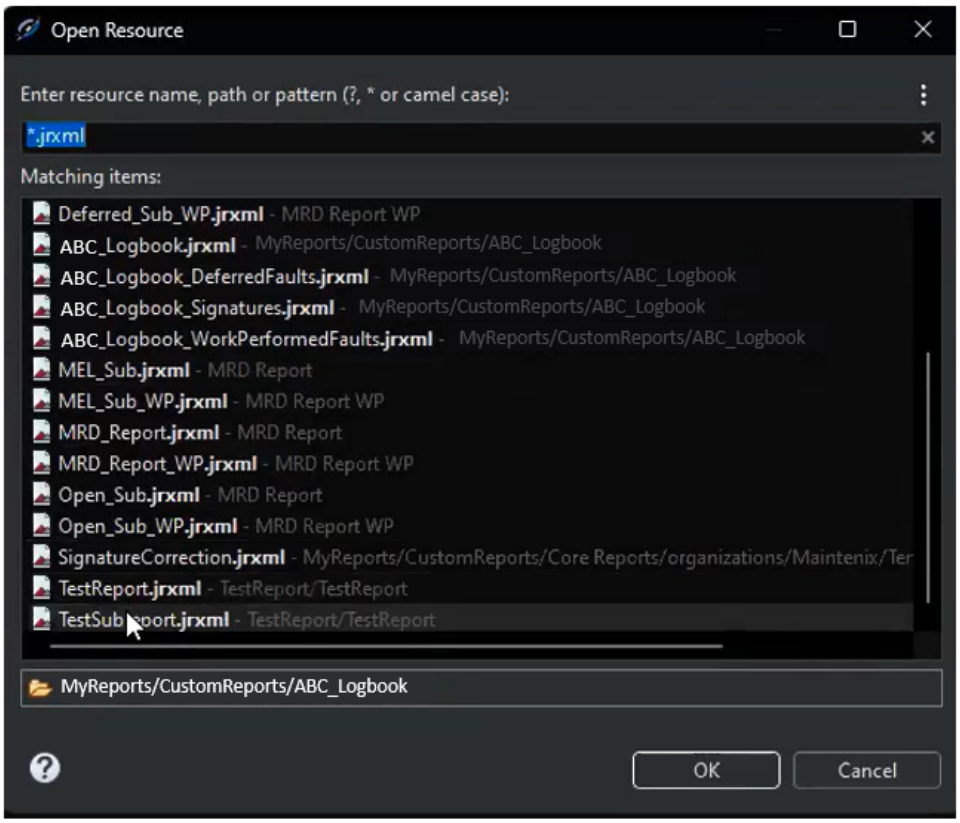
1. Locate the **Expressions** field under **Properties > Subreport** tab.



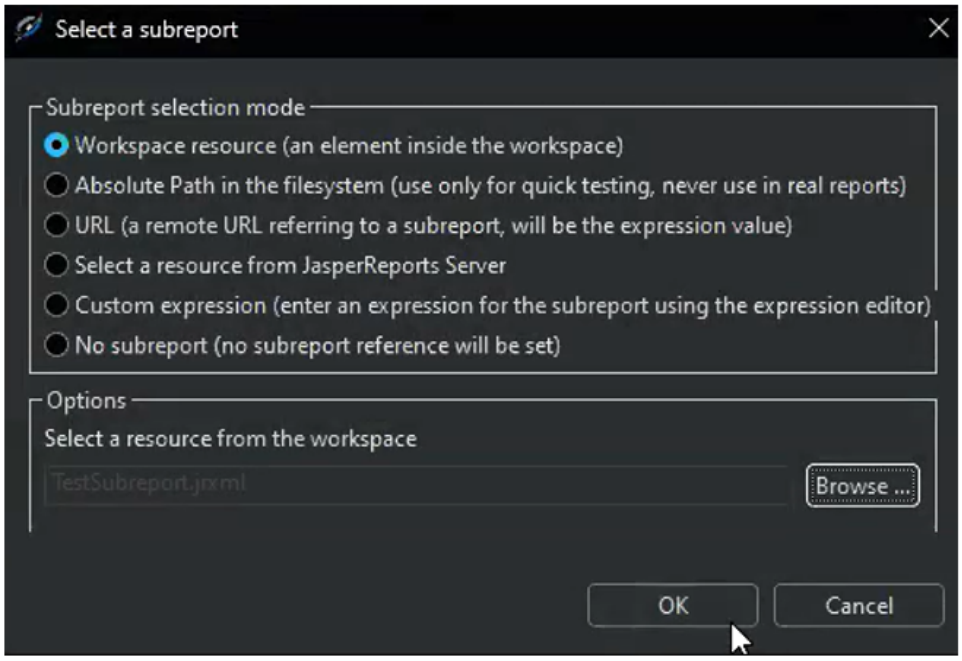
2. Click on the file browser option. This will open the **Select a subreport** window.
3. Mark the radio button to select the **Workspace resource (an element inside the workplace)** option.



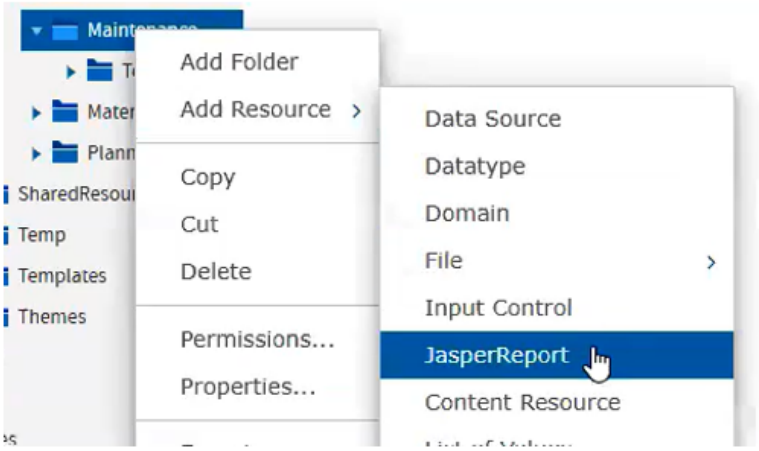
4. On the same window, locate the **Options** section and click **Browse.**
5. Select the correct sub report from the list of resources on the **Open Resource** window and click **OK.**



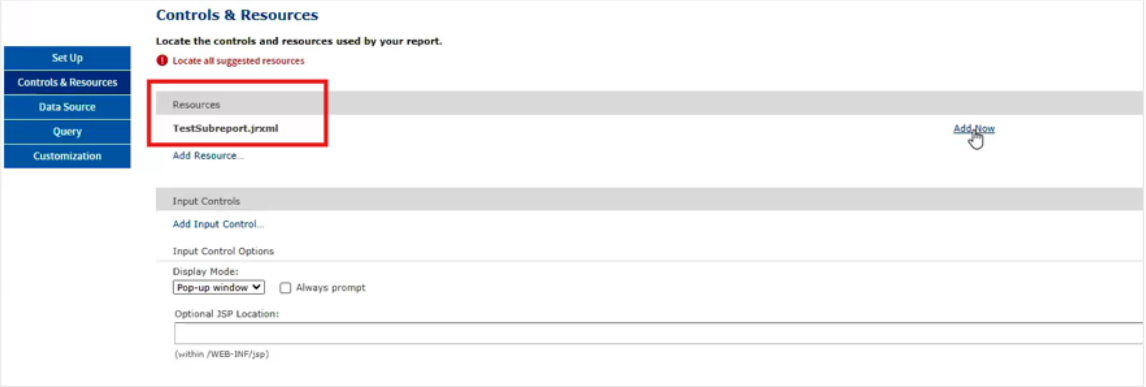
6. Click **OK** on the **Select a subreport** window to confirm selection.



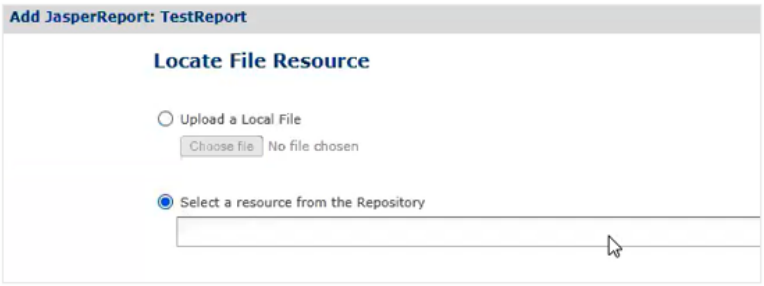
7. The **Expression** field will now display the new path as 'TestSubreport.jrxml'. Update the field as **'repo:TestSubreport.jrxml'.**
8. **Compile** and **Save** the report.
9. Navigate to the JasperServer repository view.
10. Locate the **Maintenix > Reports > Operator > Maintenance** folder form the navigation pane. Right click and select **Add Resource > JasperReport** to set up the report.



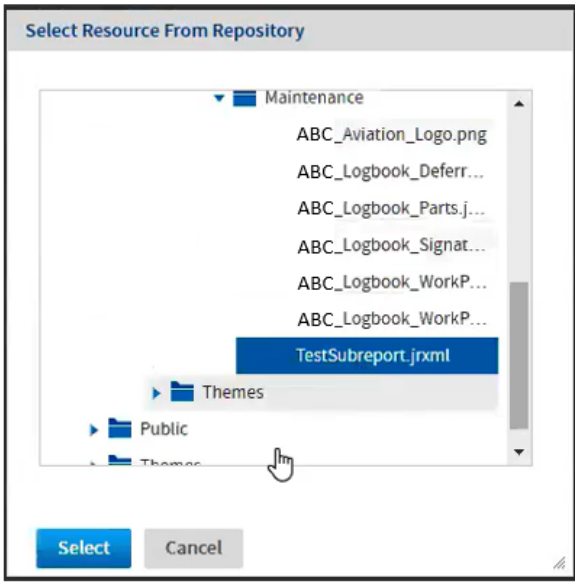
11. Follow steps 5-8 under the *Publishing report to JasperServer UAT environment* section of this document to finish the report set up.
12. Navigate to the **Controls & Resources** tab on the same window. The **TestSubreport.jrxml** file will be displayed under the **Resources** section.



13. Click **Add Now** to add the sub report as a resource.
14. Mark the radio button to select the **Select a resource from the Repository** option and click **Browse.**



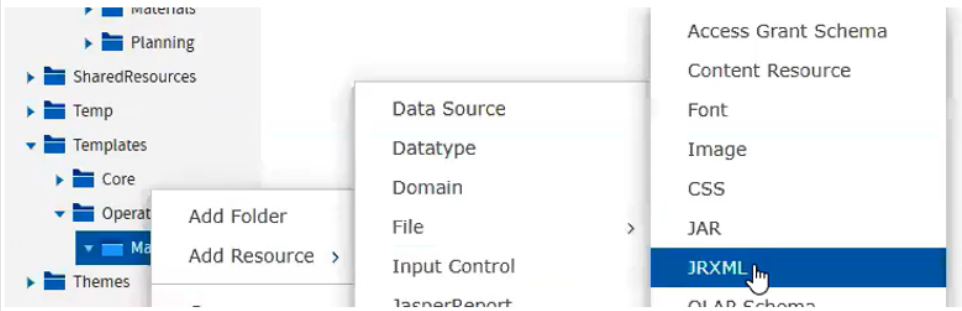
15. Expand the folder hierarchy on the selection pop-up window to locate **Organization > Maintenix > Templates > Operator > Maintenance > TestSubreport.jrxml.** Click **Select** to set the data source.



Note The TestSubreport.jrxml fiel should be uploaded to the indicated location in the repository before step 15. To upload the file:

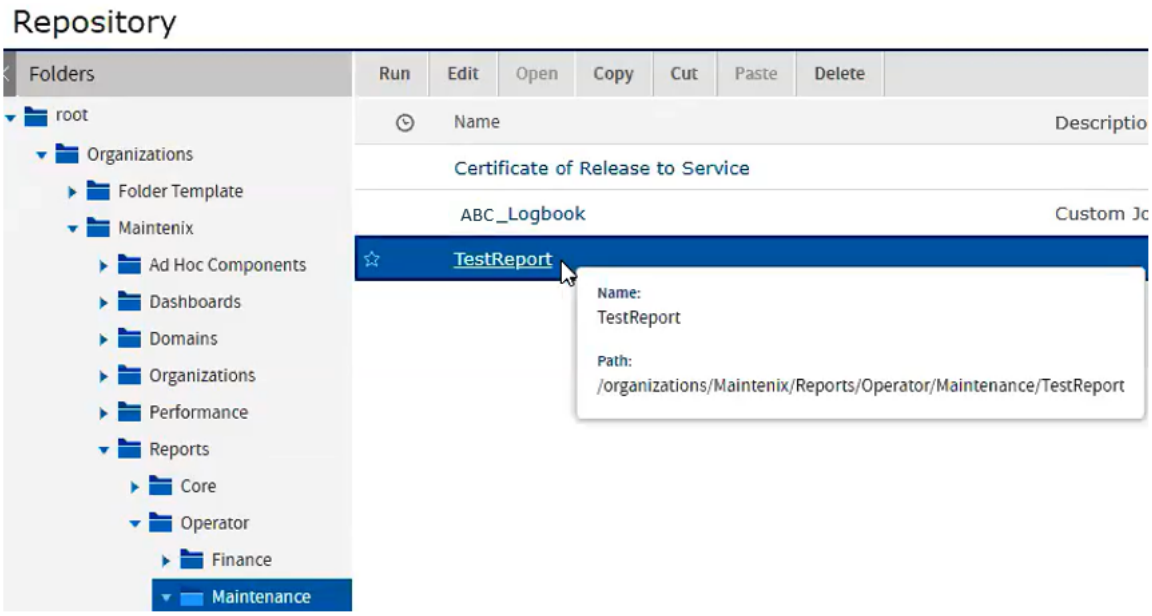
a. Locate **Organization > Maintenix > Templates > Operator > Maintenance** folder on the navigation pane.

b. Right click and select **Add Resource > File > JRXML** and select the sub report file.



c. Click **Submit.**

16. Follow steps 9-12 under the *Publishing report to JasperServer UAT environment* section of this document to set up the data source.
17. The newly created JasperReport which includes the new sub report will now appear in the repository.



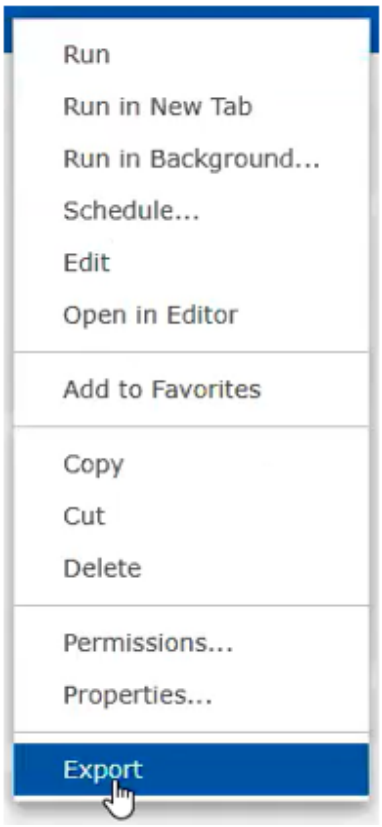
18. Run the report to view the form.

5

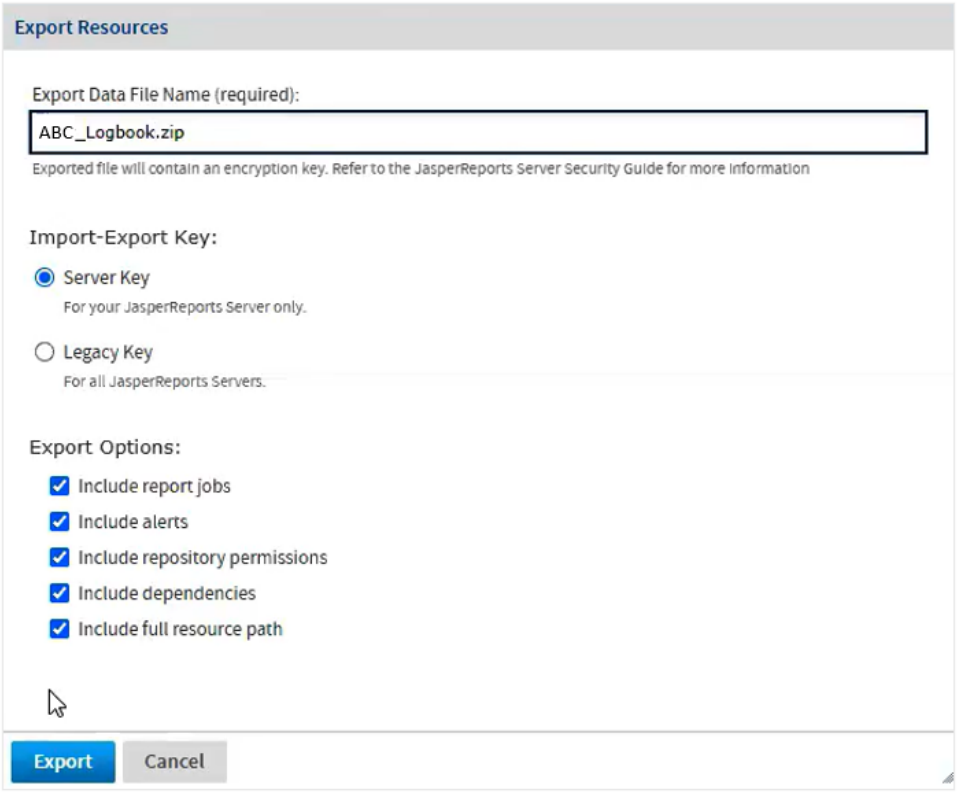
Export report to the JasperServer production environment

This chapter will cover the steps to be followed in order to export a report from JsaperServer UAT environment to the JasperServer production environment.

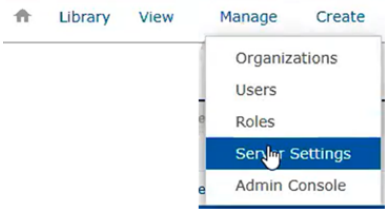
1. On the UAT environment, right click on the newly created report and click **Export.**



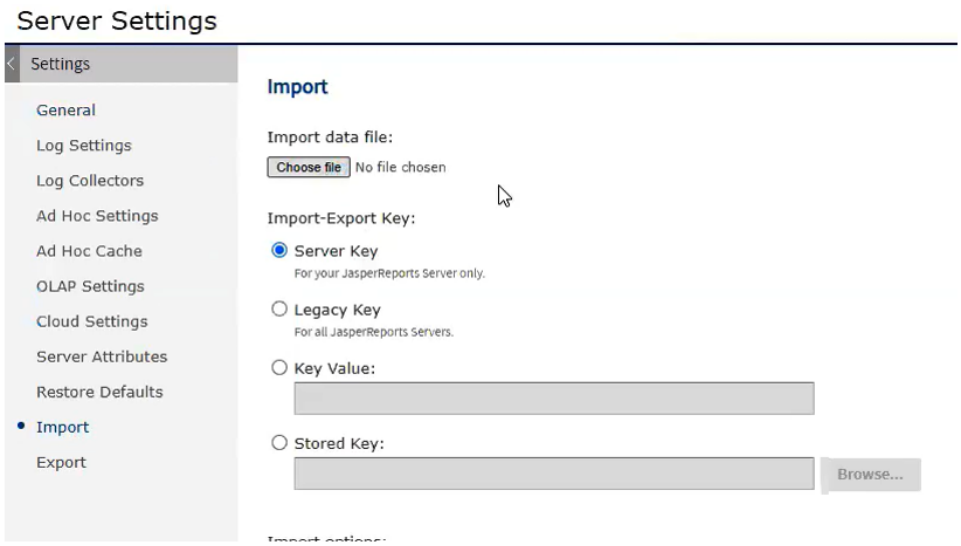
2. On the **Export Resources** window, rename the default **Export File Data Name** and check all criteria under the **Export Options** section.



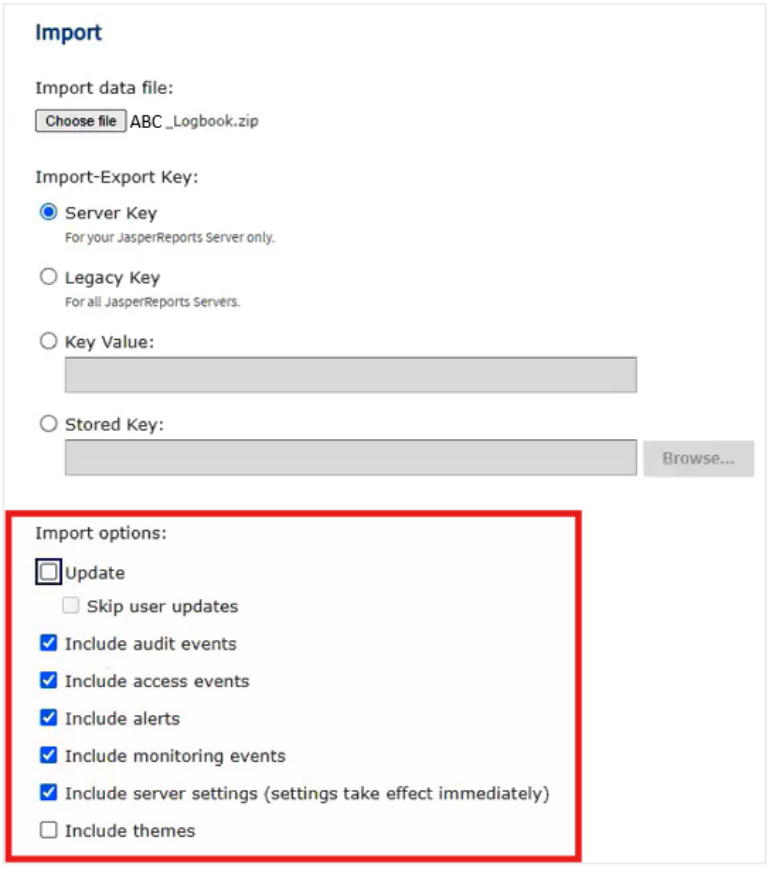
3. Click **Export** to download the zip file.
4. Navigate to the production environment and open the **Server Settings** view from the **Manage** menu.



5. Select **Import** from the settings menu and click **Choose File** to import the downloaded zip folder.



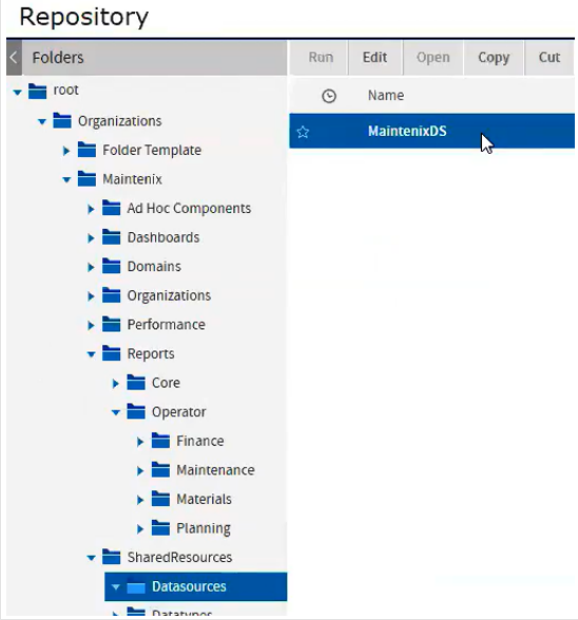
6. On the same window, make sure to uncheck the **Update** option from the **Import Options** section.



7. Click **Import** to import the report zip folder into the production environment.

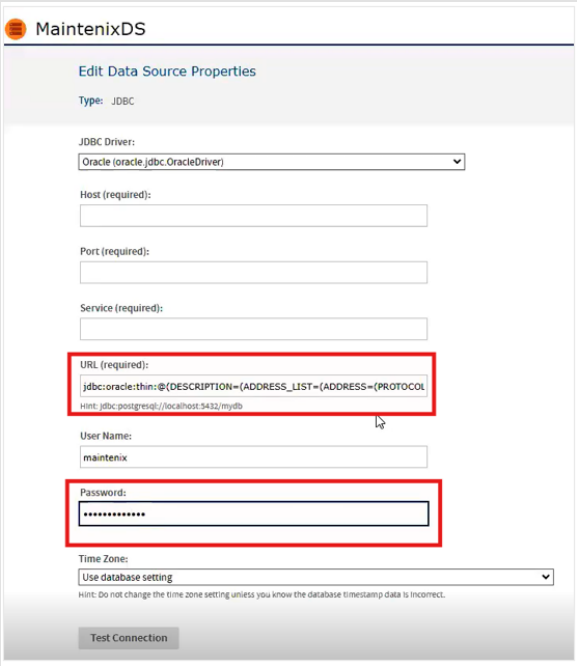
Note To validate that the URL on the imported file point to the production environment:

a. Locate the **Maintenix DS** folder on the production environment repository as indicated.



b. Right click on **Maintenix DS** and select **Edit.**

c. On the **Edit Data Source Properties** view, validate that the URL field points to the production environment and that the password is accurate (if the UAT and production environments have their unique passwords).



d. If any changes were made, click **Save.**

6
References

1. Knowledge Base - Jaspersoft Community: *https://community.jaspersoft.com/knowledgebase/*

ABOUT IFS

IFS develops and delivers enterprise software for customers around the world who manufacture and distribute goods, maintain assets, and manage service-focused operations. The industry expertise of our people and solutions, together with commitment to our customers, has made us a recognized leader and the most recommended supplier in our sector. Our team of 3,500 employees supports more than 10,000 customers world-wide from a network of local offices and through our growing ecosystem of partners.

#forthechallengers

ifs.com

WHERE WE ARE

AMERICAS

+1 888 437 4968

ASIA PACIFIC

+65 63 33 33 00

EUROPE EAST

+48 22 577 45 00

EUROPE CENTRAL

+49 9131 77 340

UK & IRELAND

+44 1494 428 900

FRANCE, BENELUX AND IBERICA

+33 3 89 50 72 72

MIDDLE EAST AND AFRICA

+971 4390 0888

NORDICS

+46 13 460 4000

COPYRIGHT © 2026 INDUSTRIAL AND FINANCIAL SYSTEMS, IFS AB. IFS AND ALL IFS PRODUCTS AND SERVICES NAMES ARE TRADEMARKS OF IFS. ALL RIGHTS RESERVED. THIS DOCUMENT MAY CONTAIN STATEMENTS OF POSSIBLE FUTURE FUNCTIONALITY FOR IFS'S PRODUCTS AND TECHNOLOGY. SUCH STATEMENTS ARE FOR INFORMATION PURPOSES ONLY AND SHOULD NOT BE INTERPRETED AS ANY COMMITMENT OR REPRESENTATION. THE NAMES OF ACTUAL COMPANIES AND PRODUCTS MENTIONED HEREIN MAY BE THE TRADEMARKS OF THEIR RESPECTIVE OWNERS.