Modifying Work Order Details in Maximo V7

This document details how you can modify the out of the box Work Order Details Report to meet your individual business needs. Three examples of modifications to this report will be given in the document below. These include

A. Deleting Fields from the Planned Labor Section (Rate and Line Cost Fields)
   Pages 3 - 13
B. Deleting Fields from the Actual Labor Section (Regular Rate, Premium Rate and Line Cost Fields)
   Pages 14 - 24
C. Adding Fields to the Actual Material Section (Transaction Type Field)
   Pages 25 - 34

*NOTE: Before making any modification to your report, make sure to make a backup copy of the original, out of the box report.

Additionally, this document assumes that the individual making the modifications has the applicable version of the BIRT Designer loaded and configured. For Maximo Base Services up through 7.1.1.4, BIRT Designer 2.1.2 is used. For Maximo Base Services starting with 7.1.1.5, BIRT Designer 2.3.2 is used.

Reference:
The BIRT 2.1.2 designer can be downloaded at :

https://www14.software.ibm.com/webapp/iwm/web/reg/download.do?source=tivopal&S_PKG=1TW10OT03&lang=en_US&cp=UTF-8

Information on installing and configuring the BIRT Designer for use in Maximo is located at

http://www-01.ibm.com/support/docview.wss?rs=3214&context=SSLKT6&q1=configuring+birt+designer+212&uid=swg21315837&loc=en_US&cs=utf-8&lang=en

The BIRT 2.3.2 designer can be downloaded at:

http://www-01.ibm.com/software/brandcatalog/portal/opal/details?NavCode=1TW10OT07

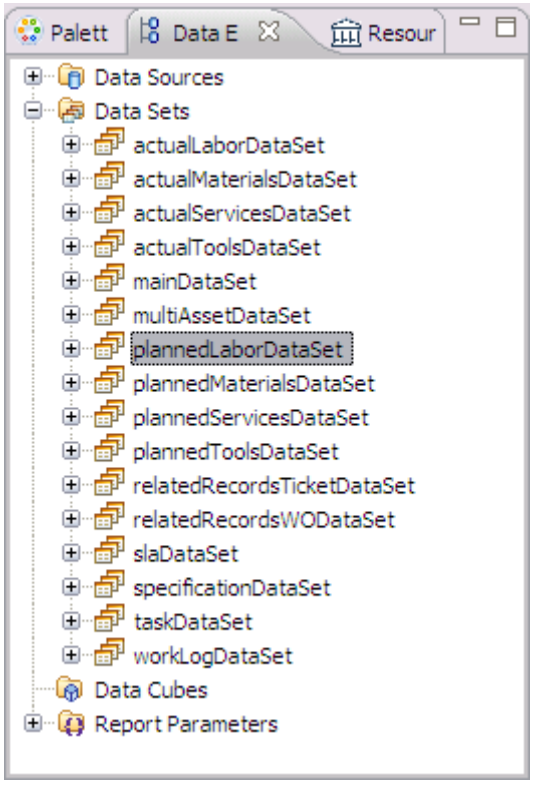
Information on installing and configuring the BIRT Designer for use in Maximo is located at

http://www-01.ibm.com/software/sysmgmt/products/support/IBMMaximoAssetManagement.html

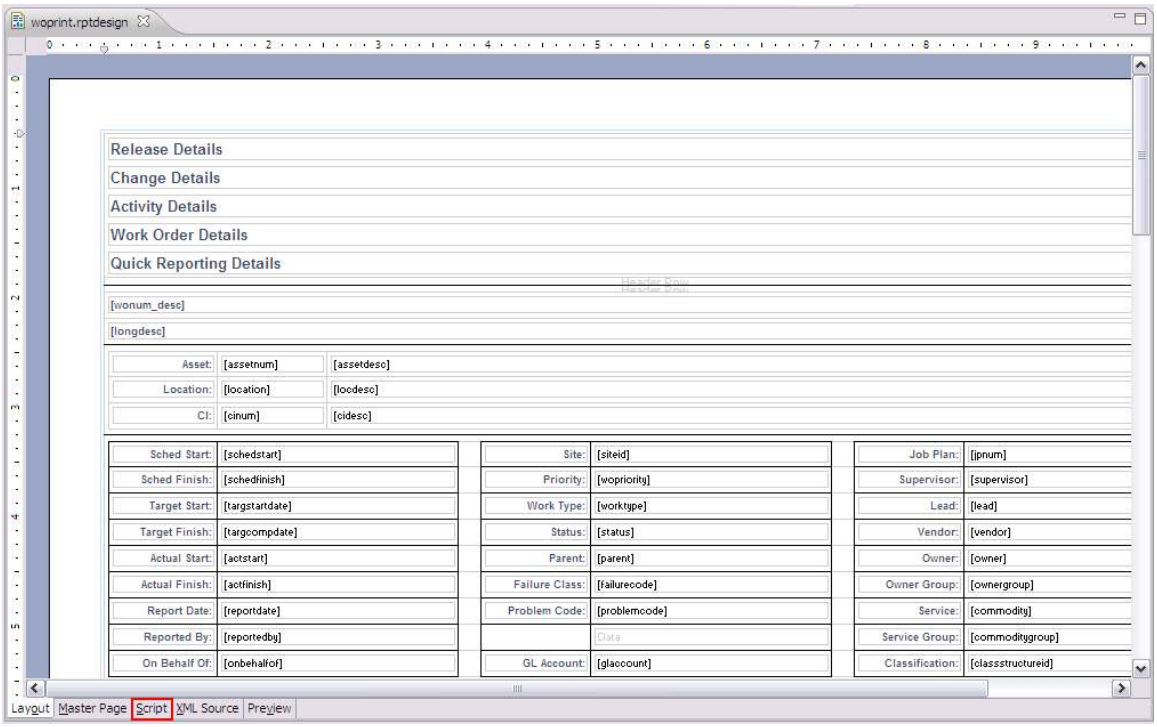
How to delete Rate and Line Cost Fields from Planned Labor table

A1. Open woprint.rpt design on BIRT

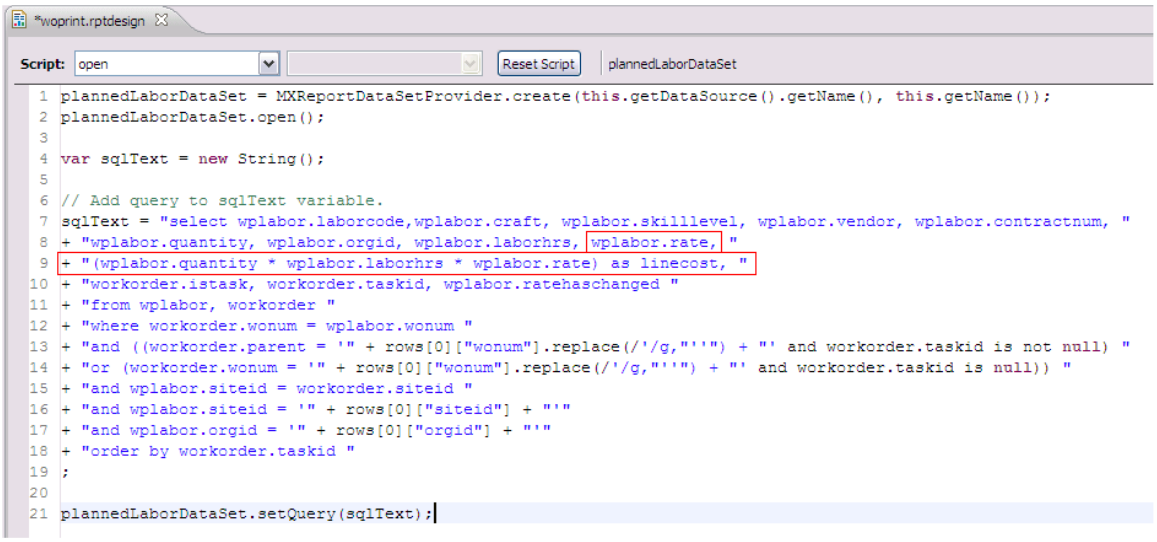
A2. On Data Explorer view, expand Data Sets and click on plannedLaborDataSet



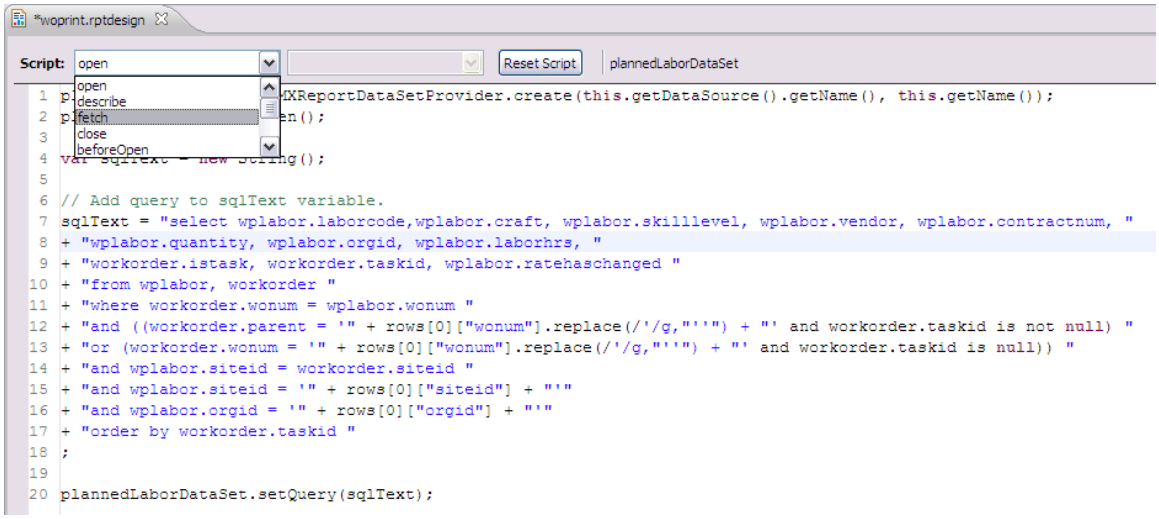
A3. Click on Script tab



A4. Delete “wplabor.rate,” and the whole line:
“+ "(wplabor.quantity * wplabor.laborhrs * wplabor.rate) as linecost, ""



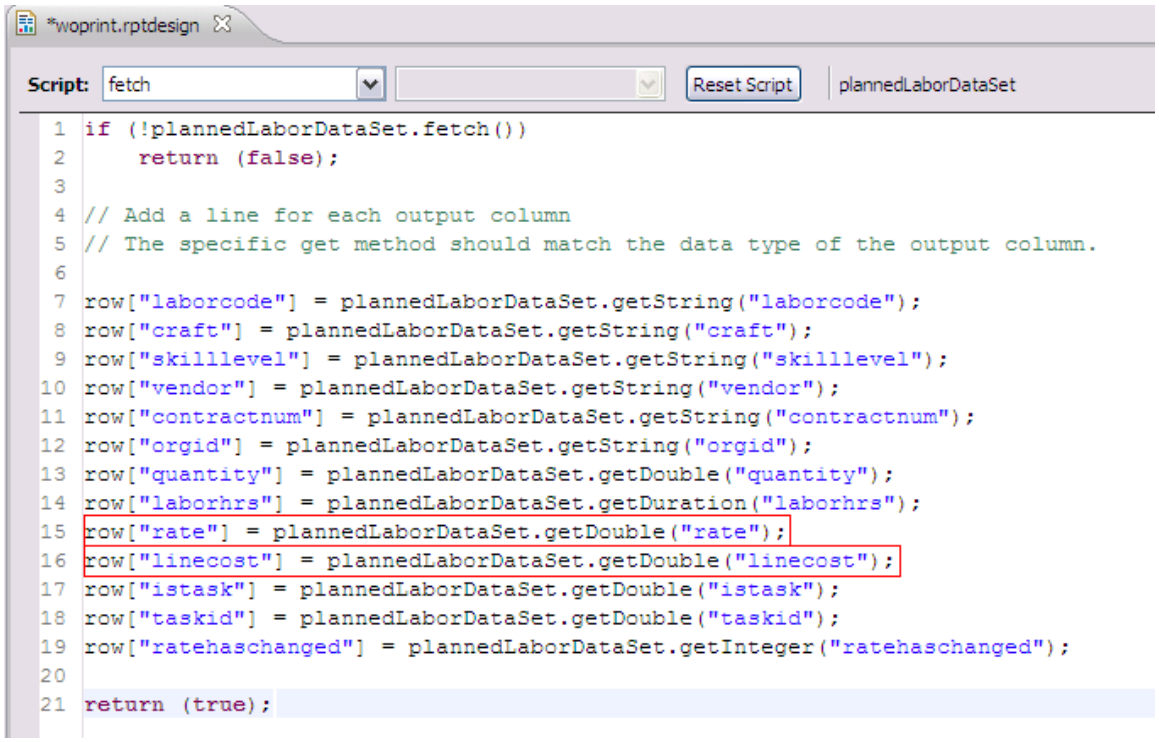
A5. Switch to Fetch Script



A6. Delete lines:

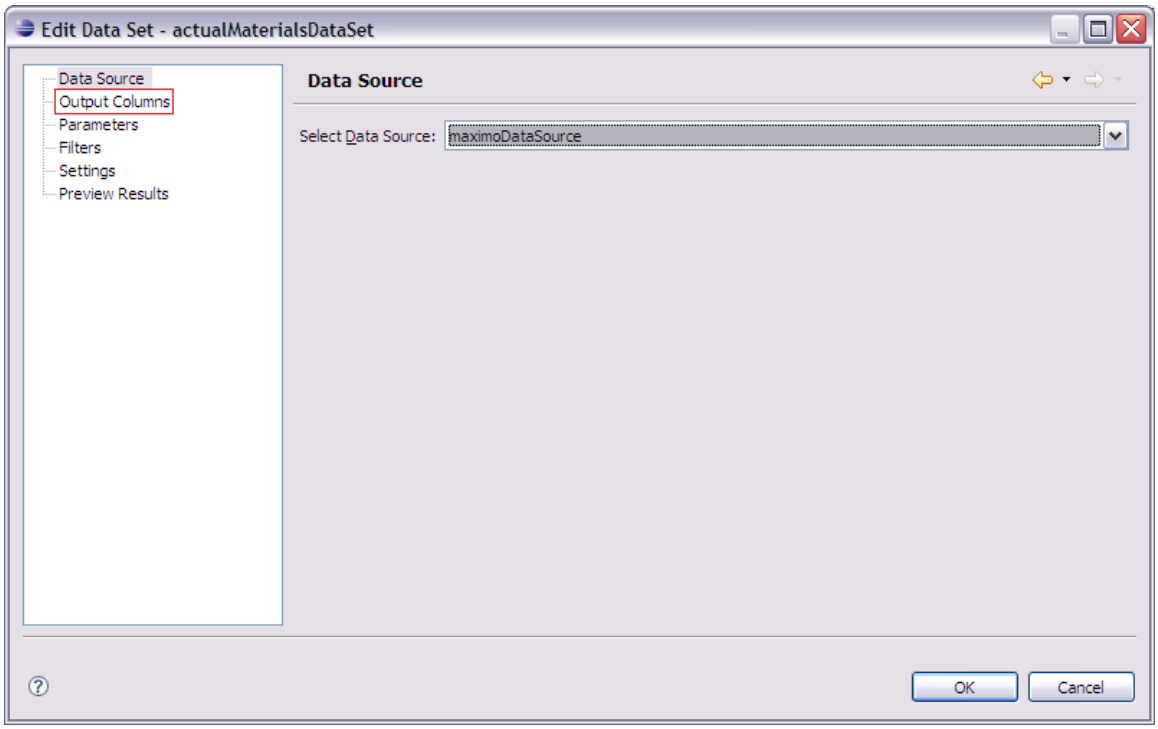
row["rate"] = plannedLaborDataSet.getDouble("rate");

row["linecost"] = plannedLaborDataSet.getDouble("linecost");

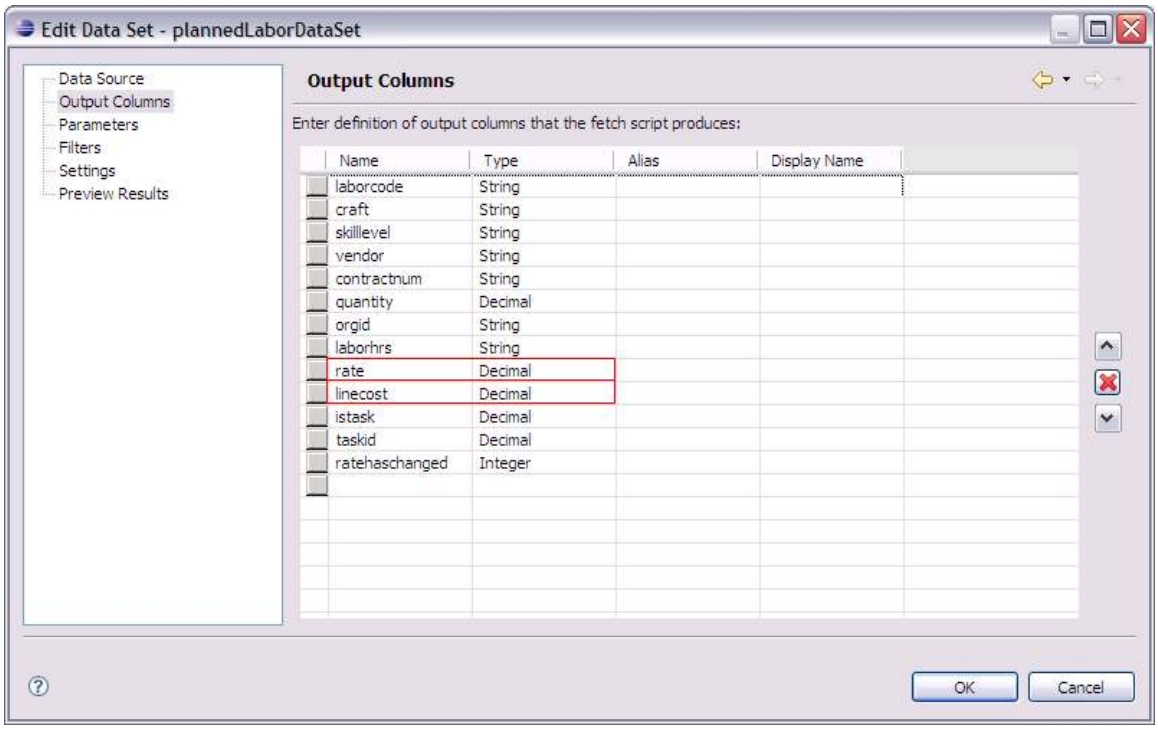


A7. On Data Explorer, double click plannedLaborDataSet Data Set

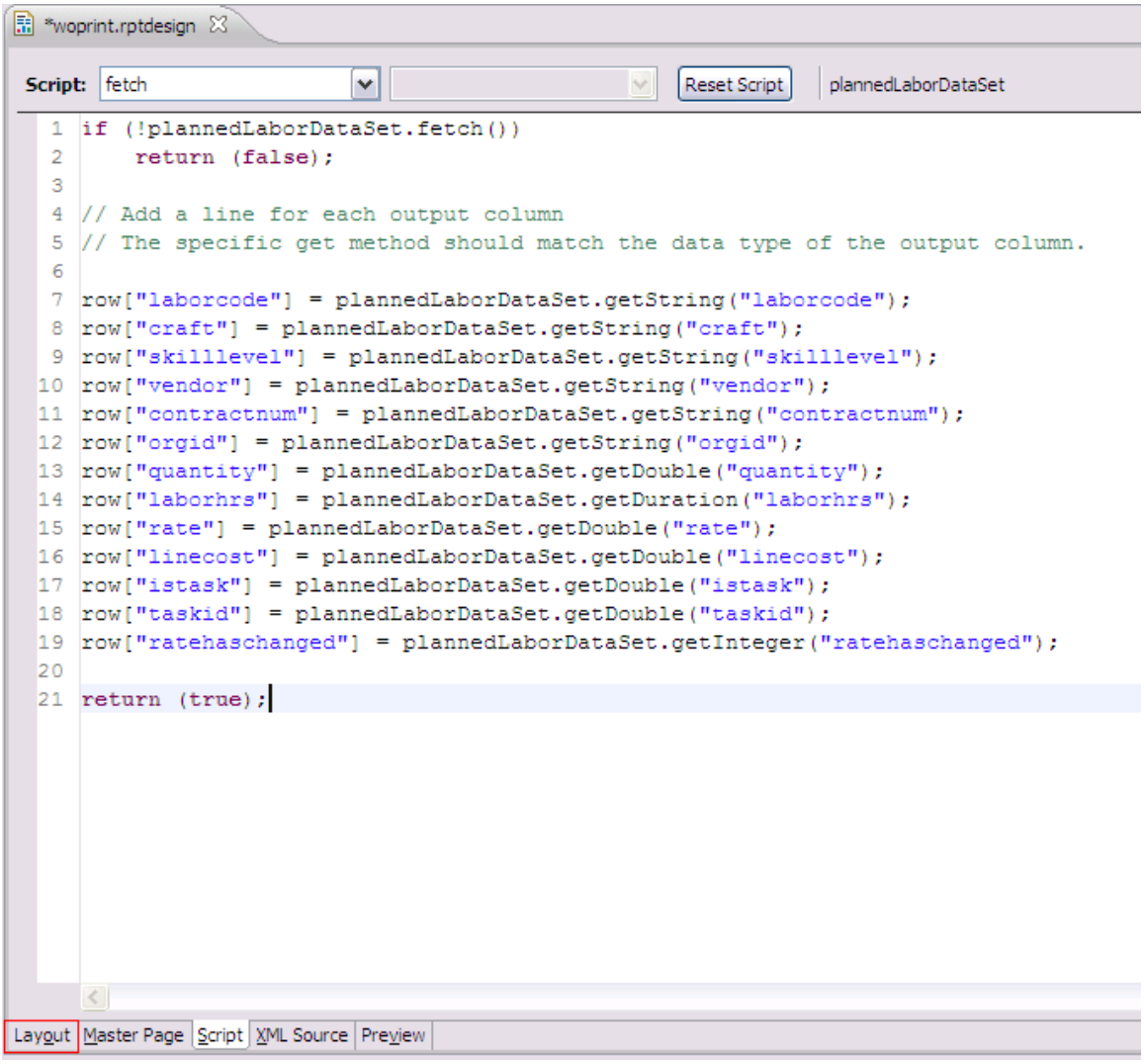
A8. Click on Output Columns



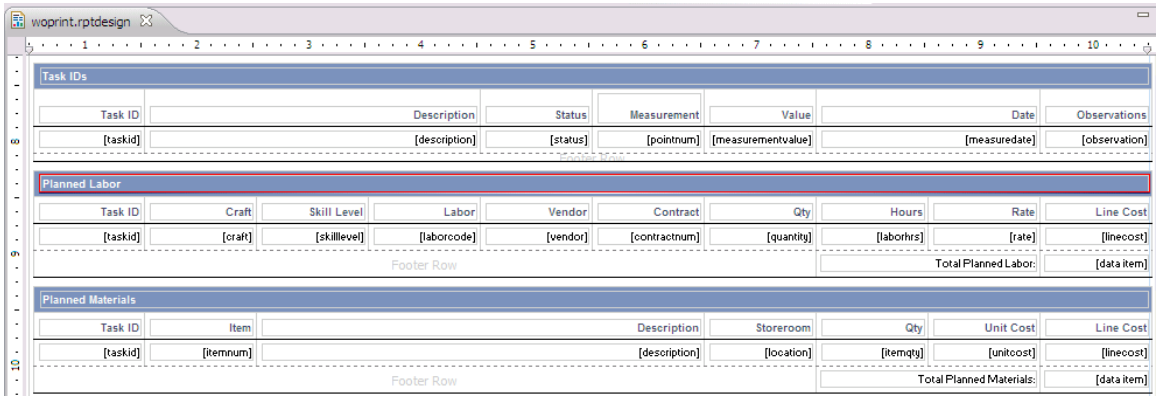
A9. Delete both rate and linecost entries by selecting each one and clicking on “X” button. Click on OK button



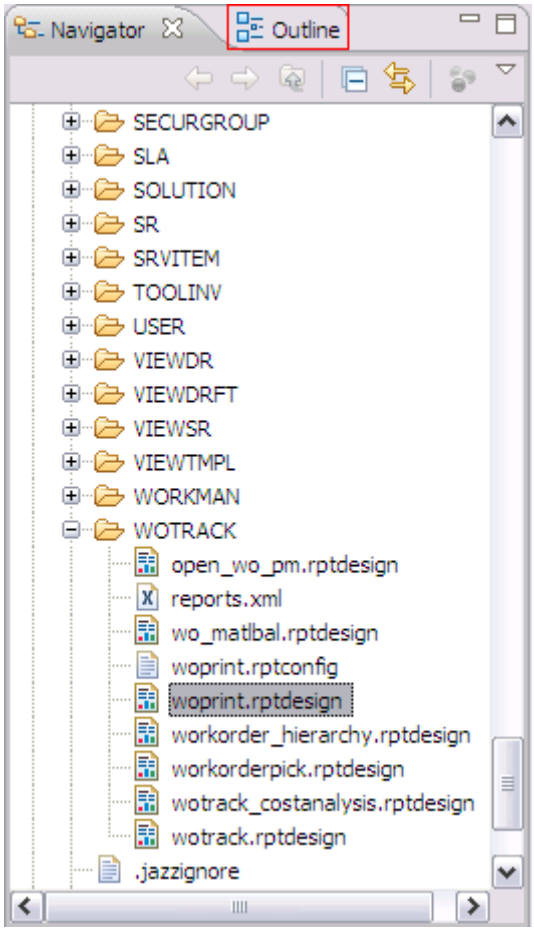
A10. Click on Layout tab



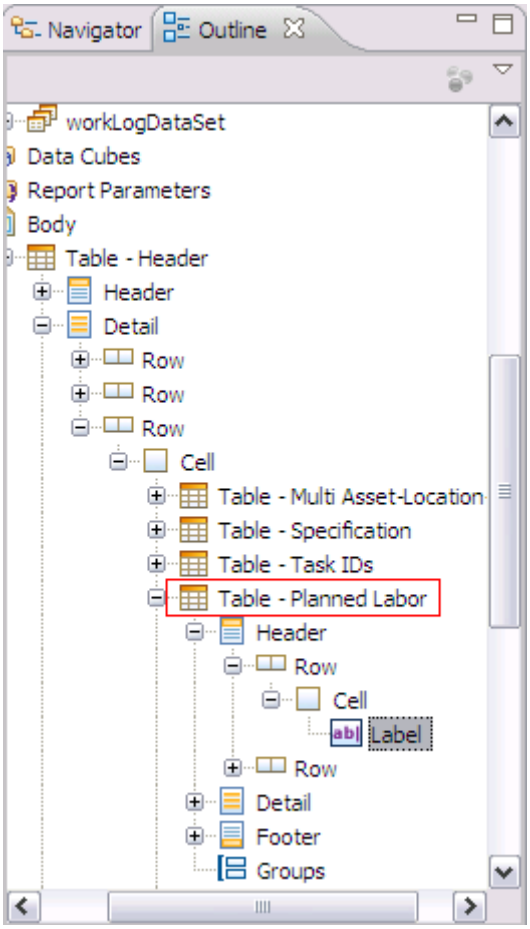
A11. On the report layout, click on Planned Labor label field



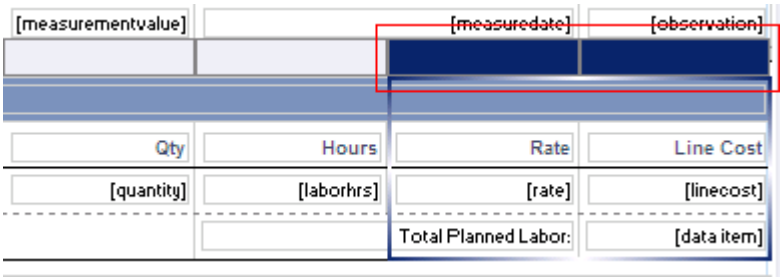
A12. Click on Outline tab



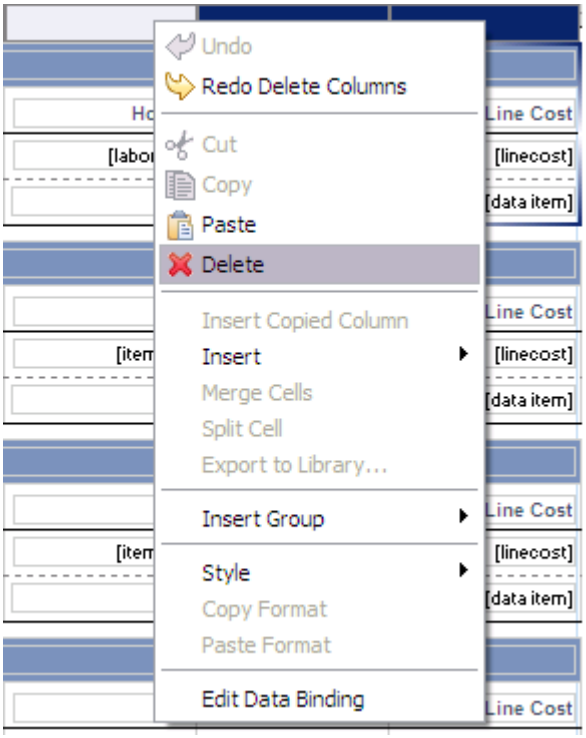
A13. Select Table – Planned Labor



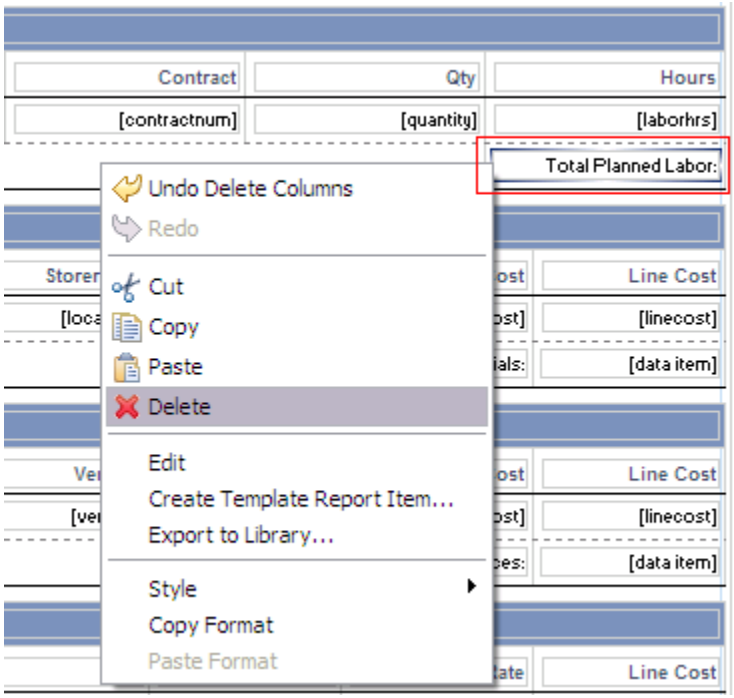
A14. Select the top of both Rate and Line Cost columns



A15. Right click on it and select Delete

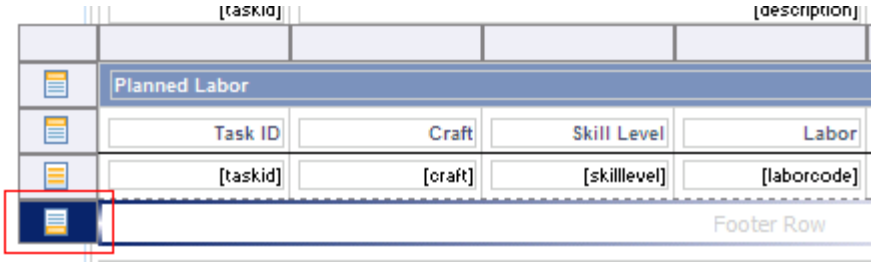


A16. Right click on "Total Planned Labor:" label and select Delete



A17. Select the Planned table again (steps 11, 12 and 13)

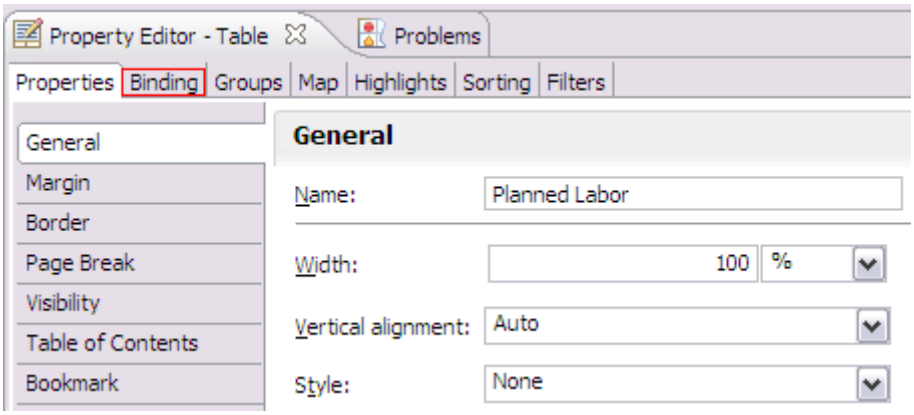
A18. On Planned table, select the icon  from the last row (Footer Row)



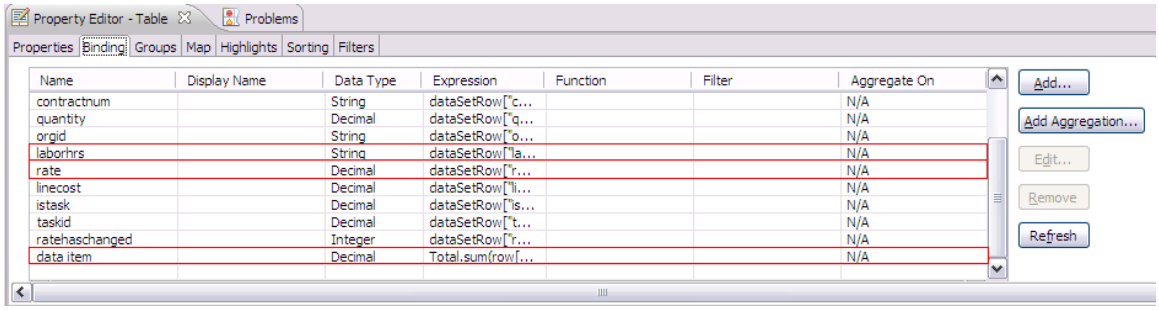
A19. On Property Editor view, General tab, set the Height to 0.08

A20. The table should look like this:

A21. On Property Editor, with the table selected, click on Binding tab



A22. Delete rate, linecost and data item rows

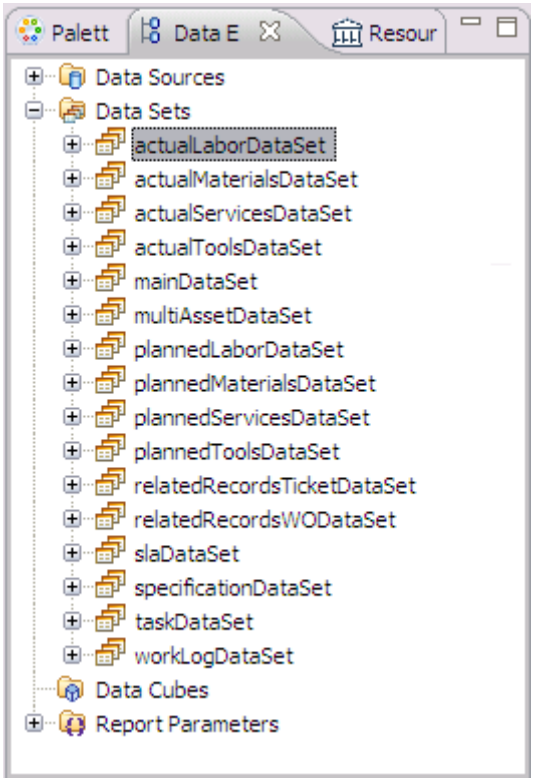


A23. Save the report.

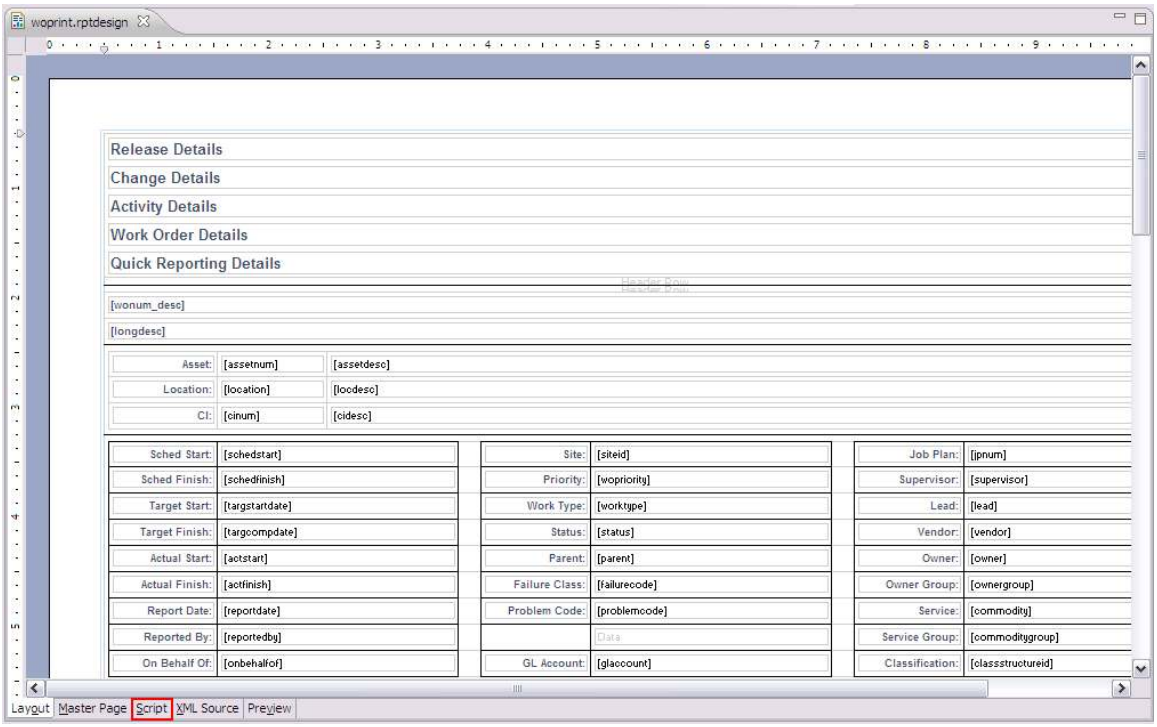
How to delete Regular Rate, Premium Rate and Line Cost Fields from Actual Labor table

B1. Open woprint.rpt design on BIRT

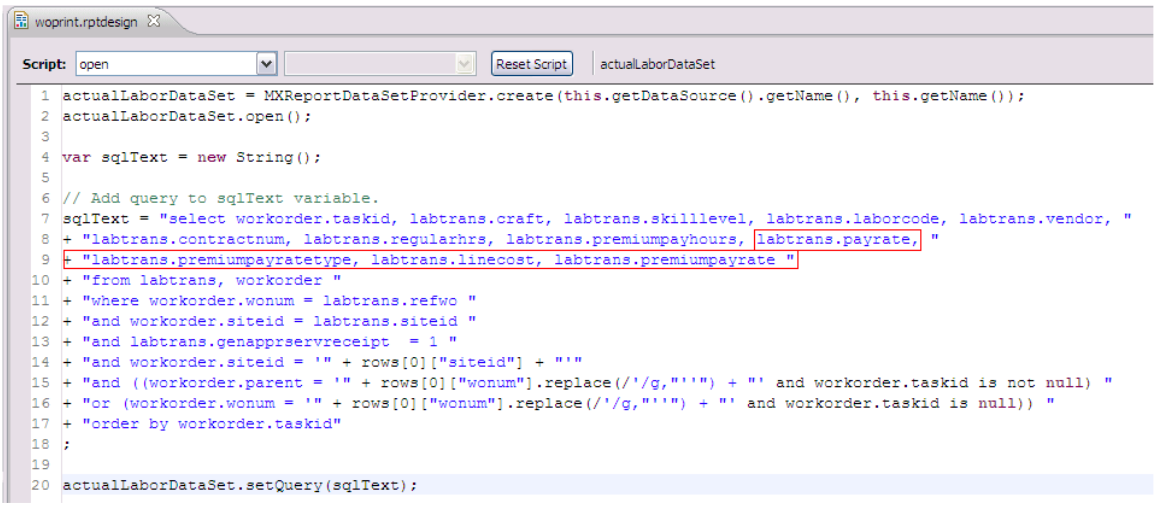
B2. On Data Explorer view, expand Data Sets and click on actualLaborDataSet



B3. Click on Script tab



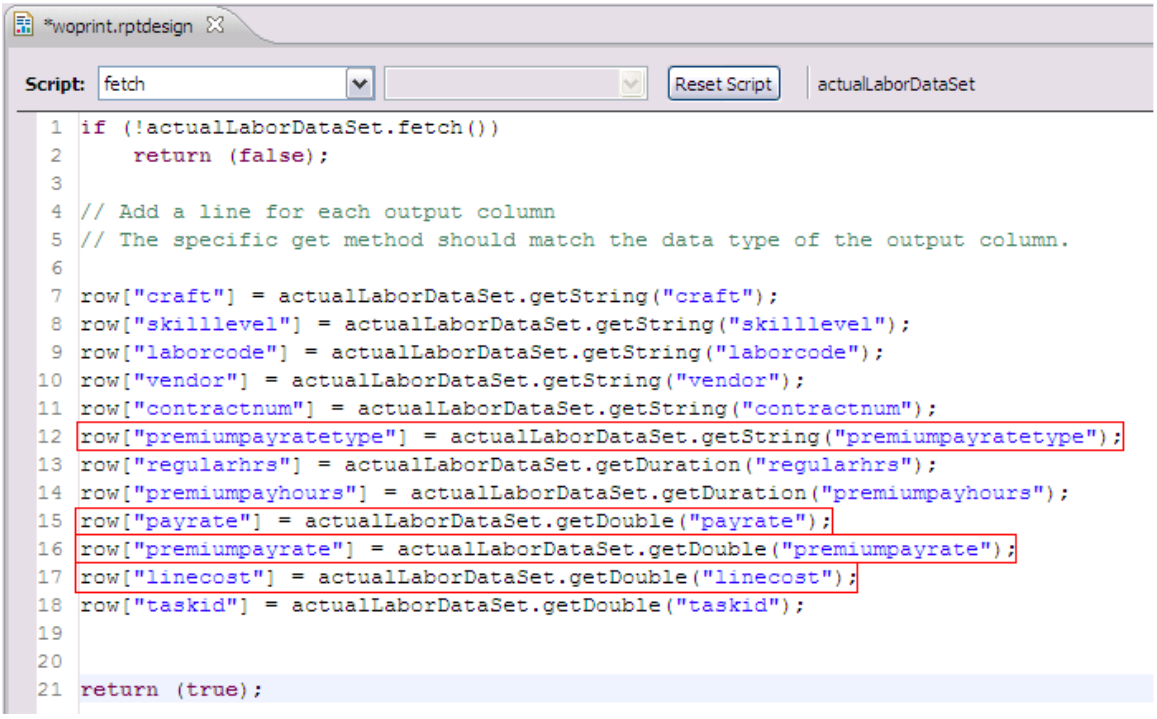
B4. Delete “labtrans.payrate,” and the whole line:
“+ "labtrans.premiumpayratetype, labtrans.linecost, labtrans.premiumpayrate "”



B5. Switch to Fetch Script

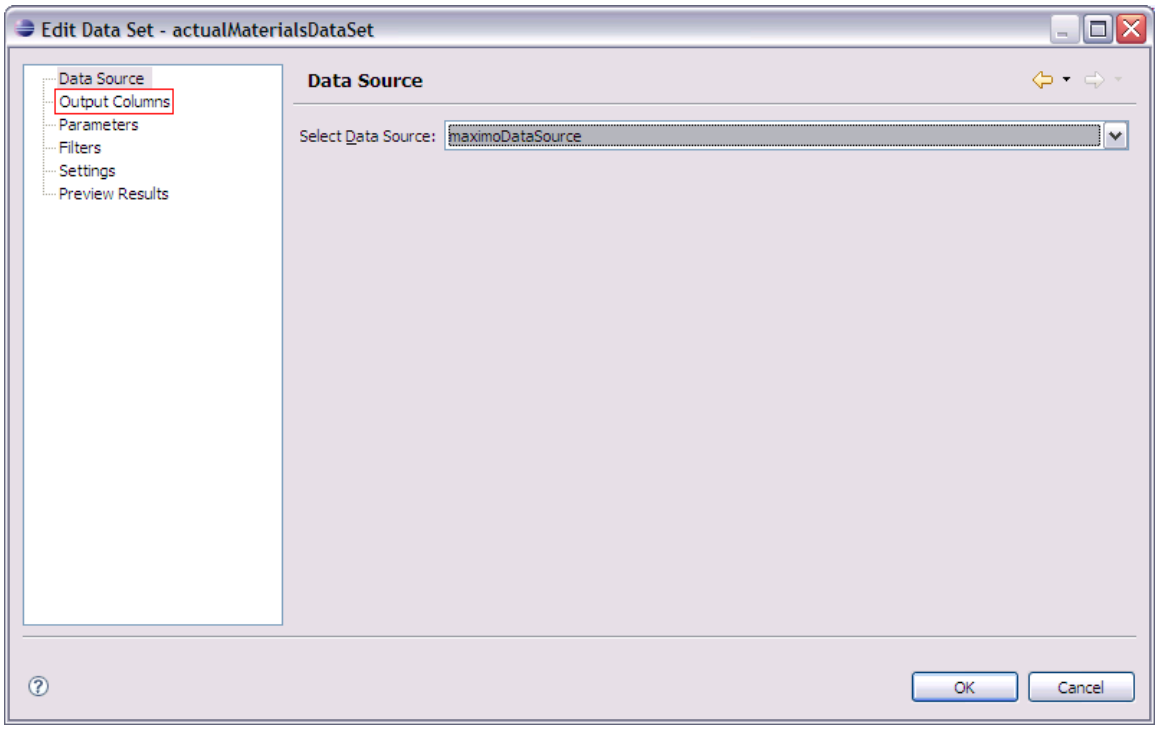
B6. Delete lines:

row["premiumpayratetype"] = actualLaborDataSet.getString("premiumpayratetype");
row["payrate"] = actualLaborDataSet.getDouble("payrate");
row["premiumpayrate"] = actualLaborDataSet.getDouble("premiumpayrate");
row["linecost"] = actualLaborDataSet.getDouble("linecost");

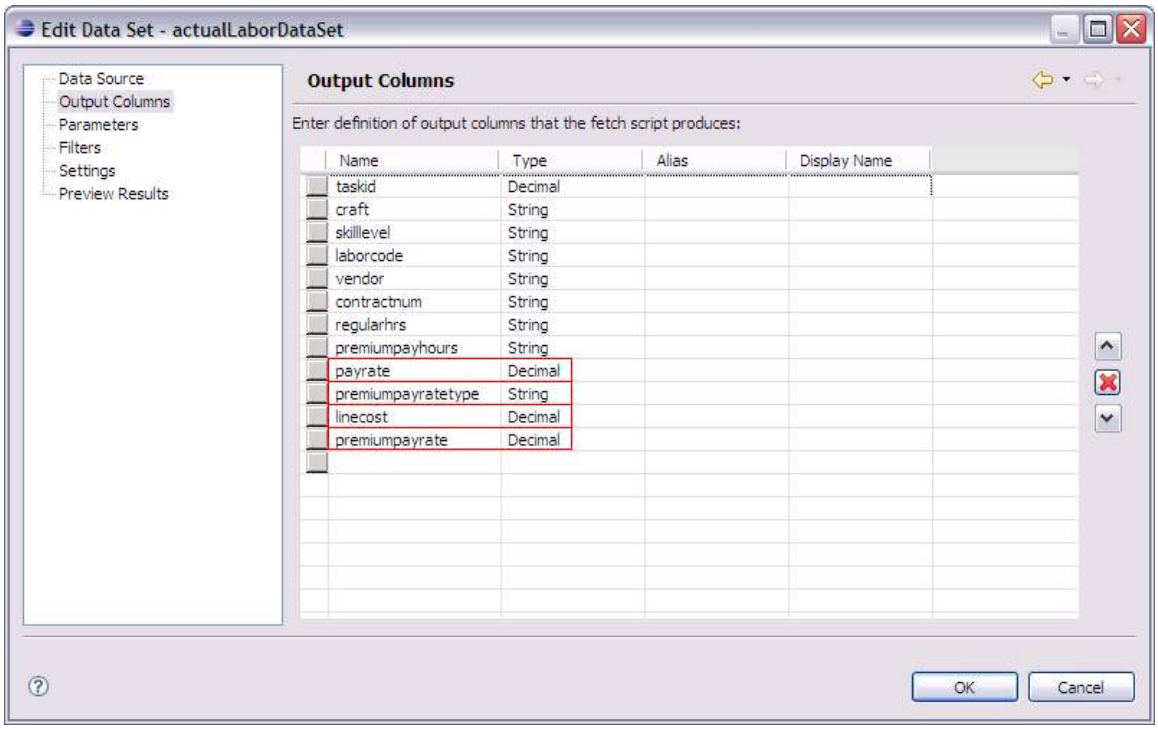


B7. On Data Explorer, double click actualLaborDataSet Data Set

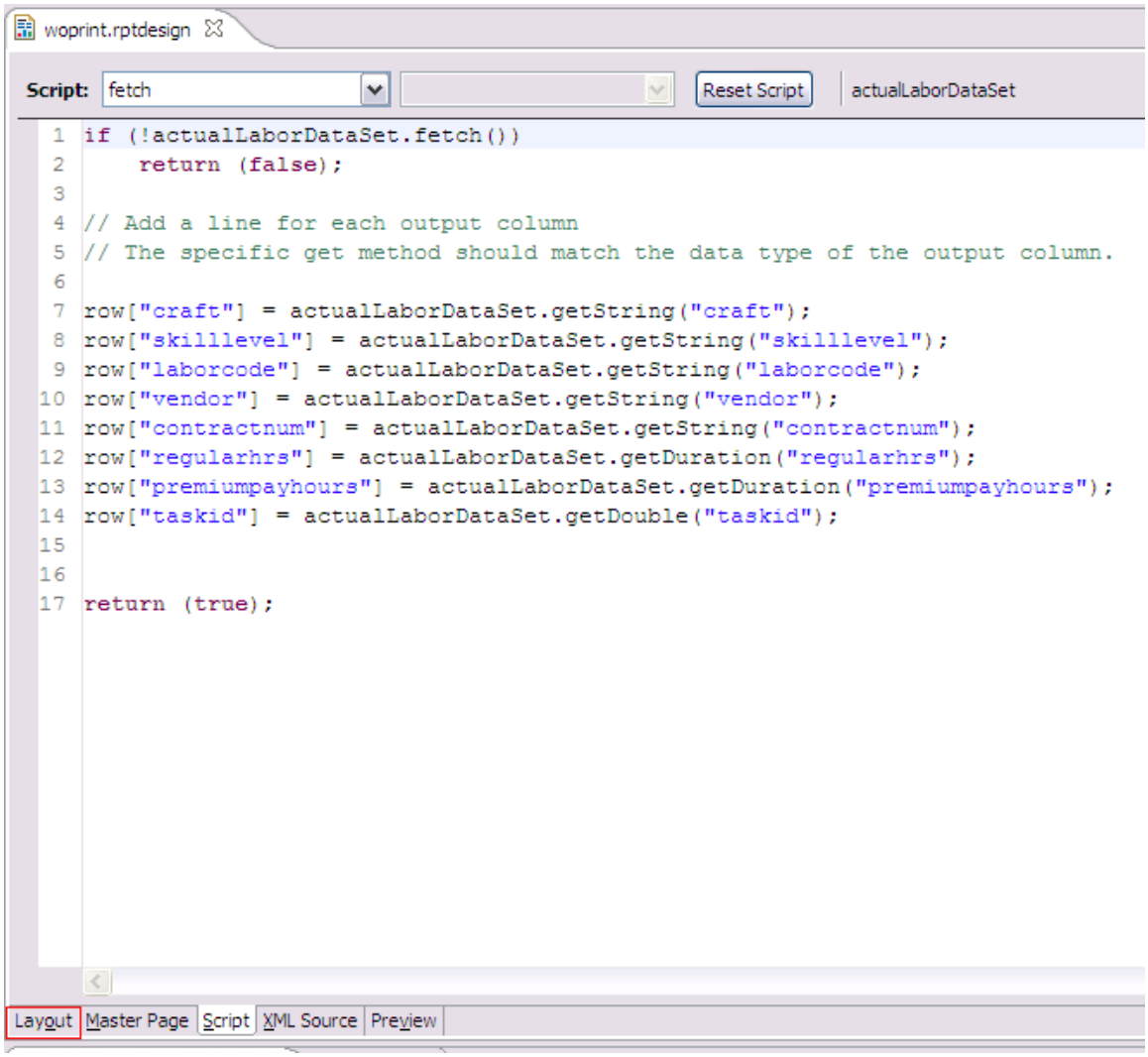
B8. Click on Output Columns



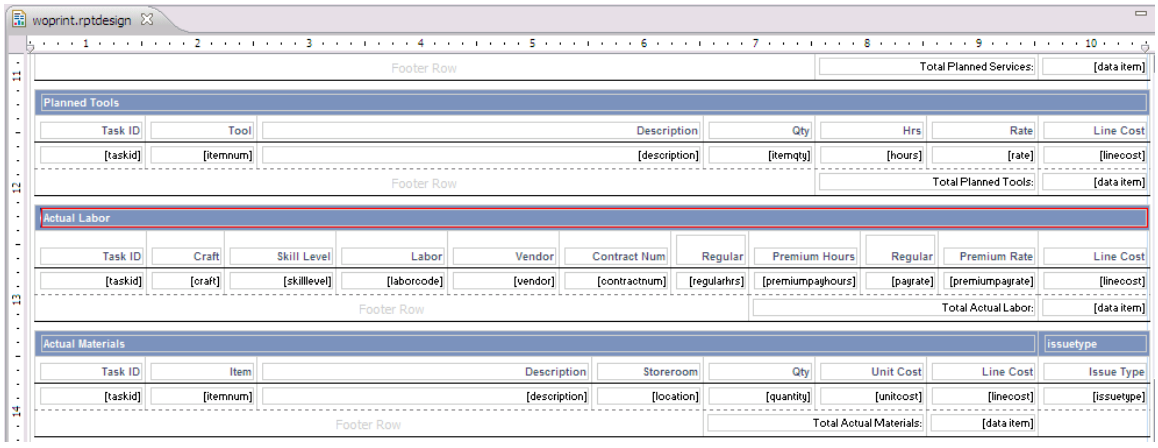
B9. Delete payrate, premiumpayratetype, linecost and premiumpayrate entries by selecting each one and clicking on “X” button. Click on OK button



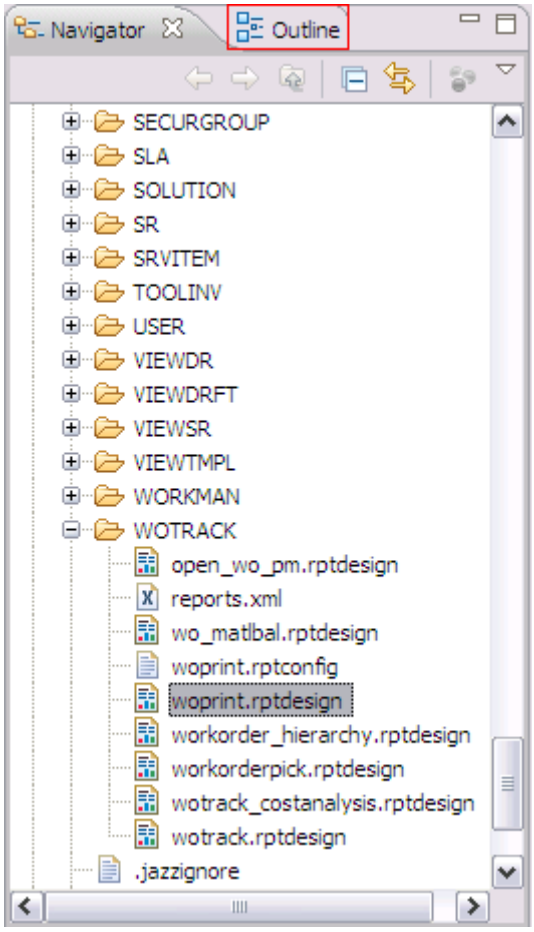
B10. Click on Layout tab



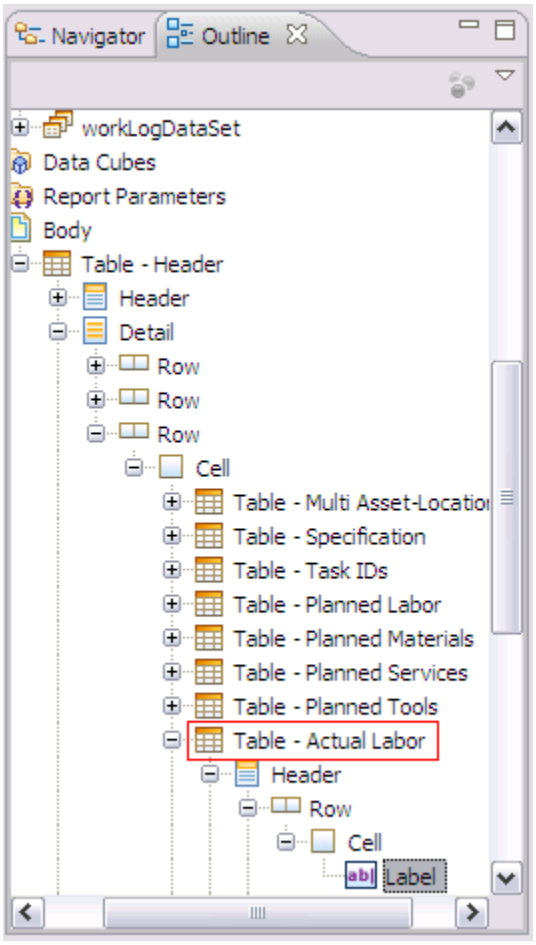
B11. On the report layout, click on Actual Labor label field



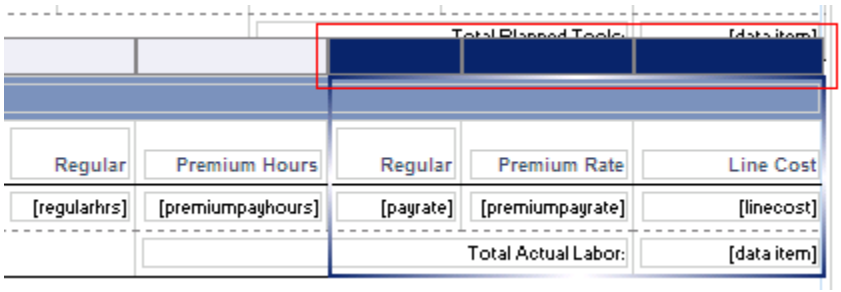
B12. Click on Outline tab



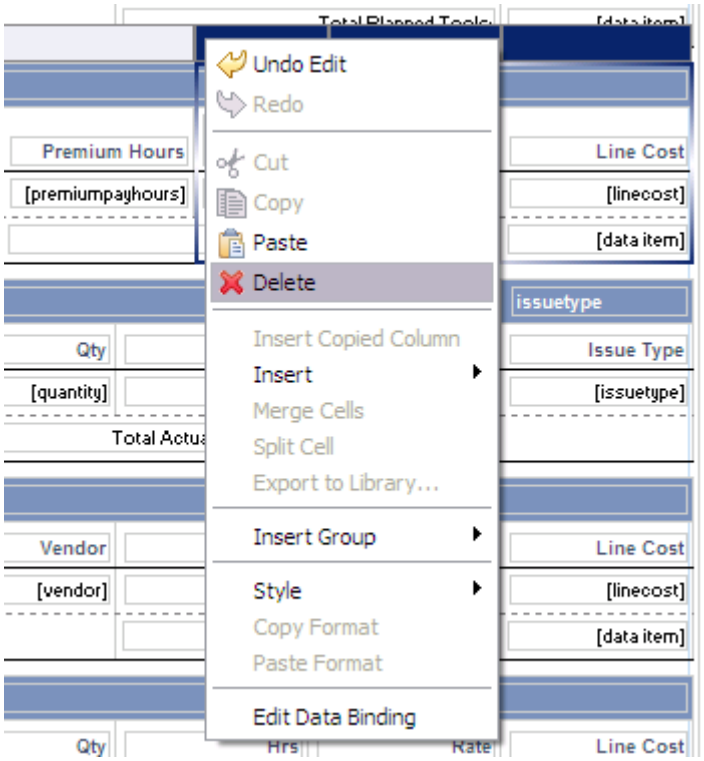
B13. Select Table – Actual Labor



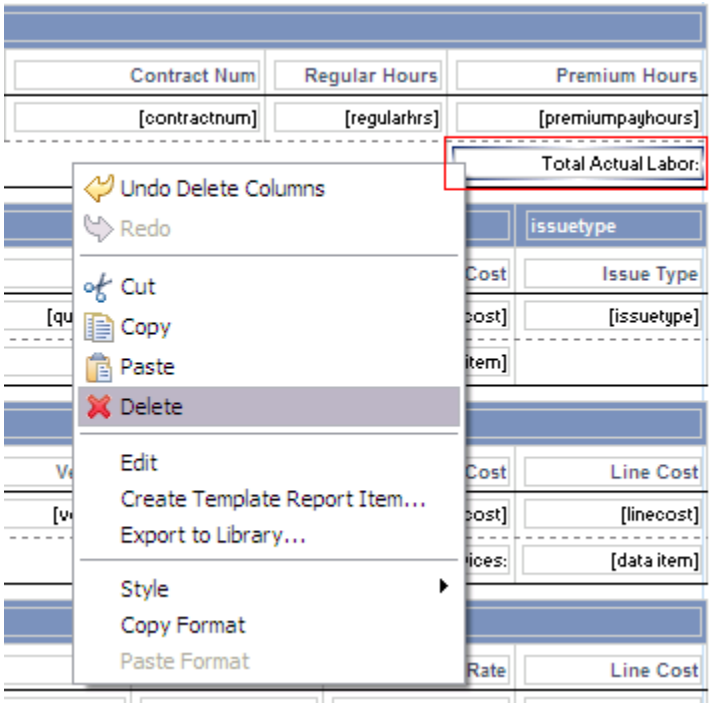
B14. Select the top of Regular, Premium Rate and Line Cost columns



B15. Right click on it and select Delete

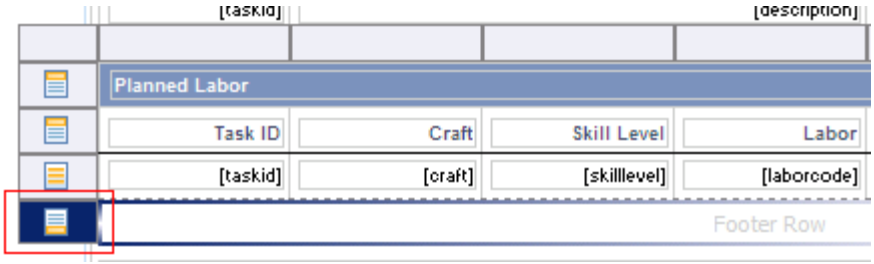


B16. Right click on "Total Actual Labor:" label and select Delete



B17. Select the Actual table again (steps 11, 12 and 13)

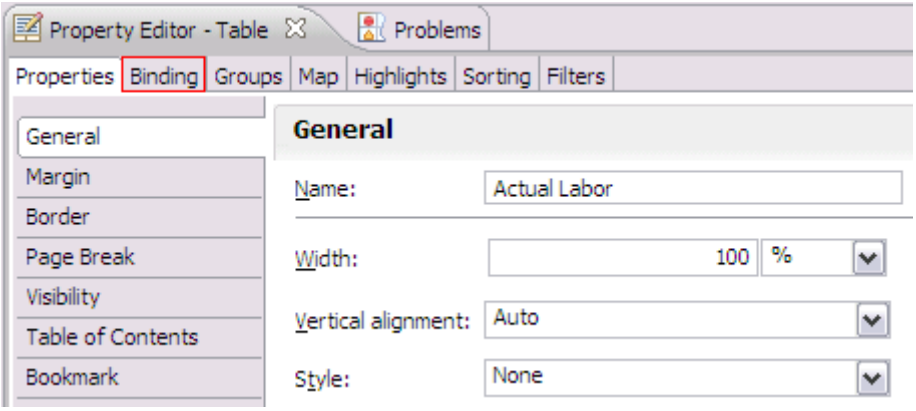
B18. On Actual Labor table, select the icon  from the last row (Footer Row)



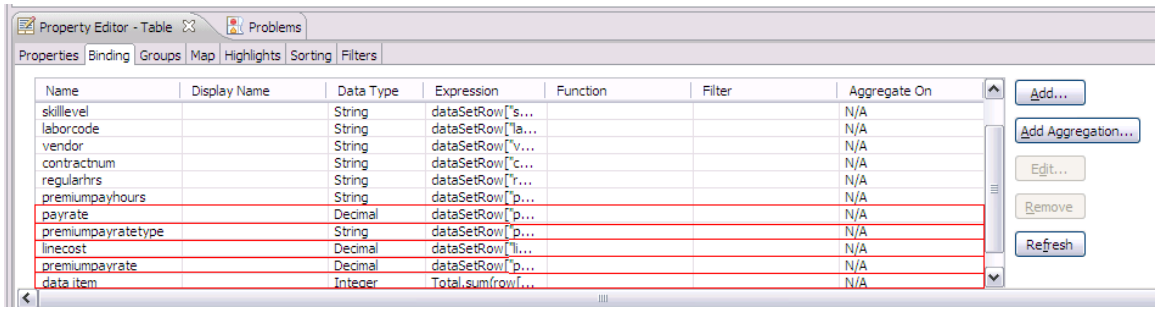
B19. On Property Editor view, General tab, set the Height to 0.08

B20. The table should look like this:

B21. On Property Editor, with the table selected, click on Binding tab



B22. Delete rate, linecost and data item rows

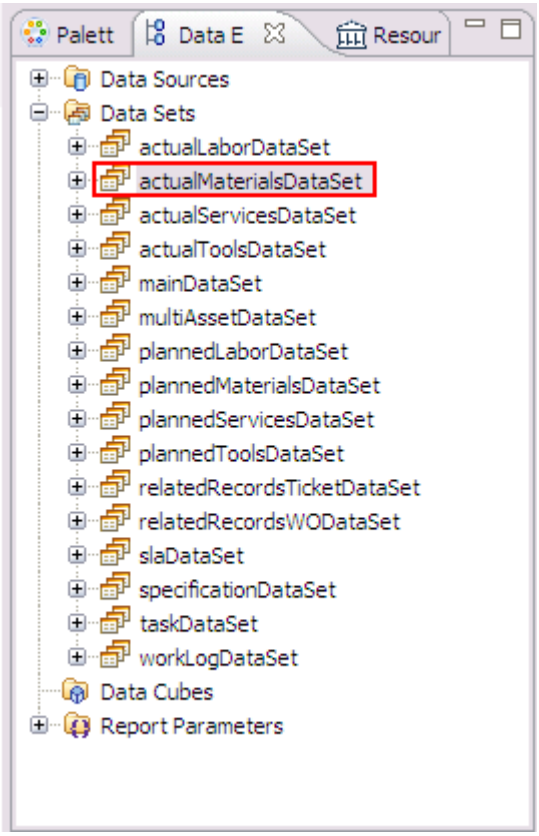


B23. Save the report.

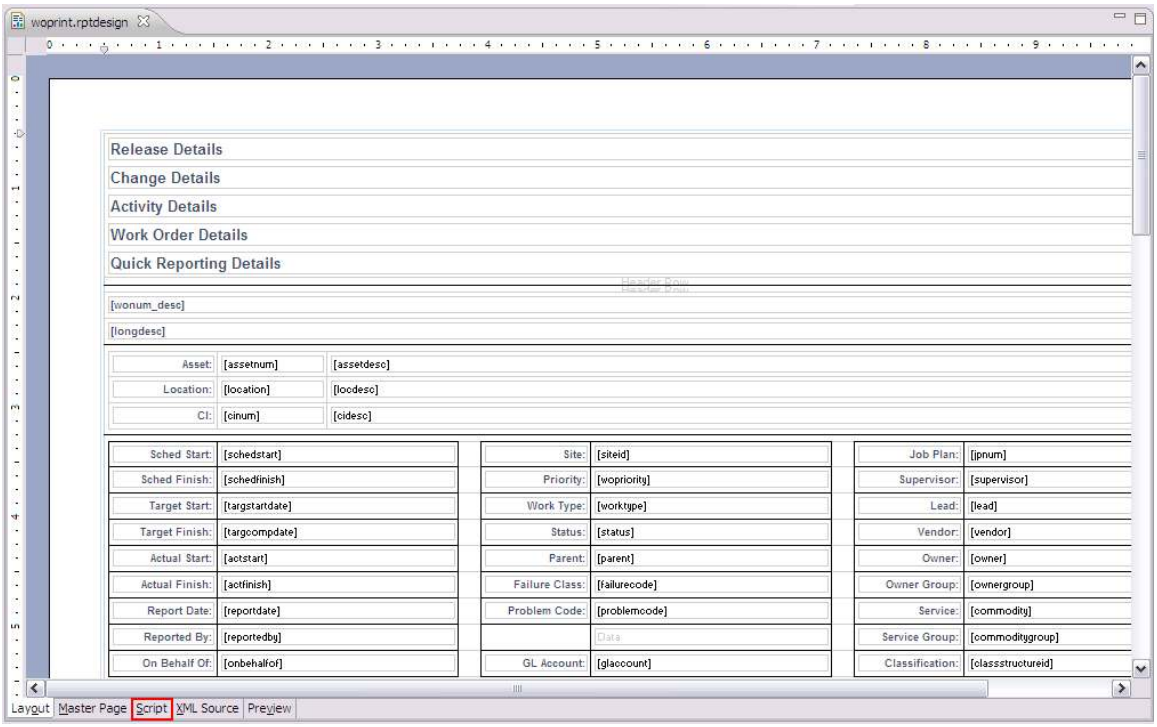
How to add Transaction Type field on Actual Materials Table

C1. Open woprint.rpt desing on BIRT.

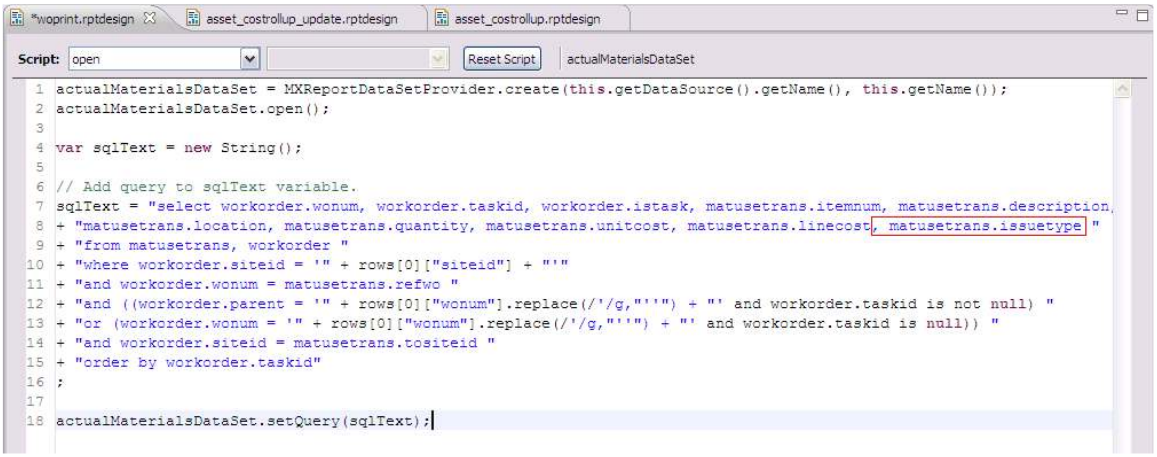
C2. On Data Explorer view, expand Data Sets and click on actualMaterialsDataSet.



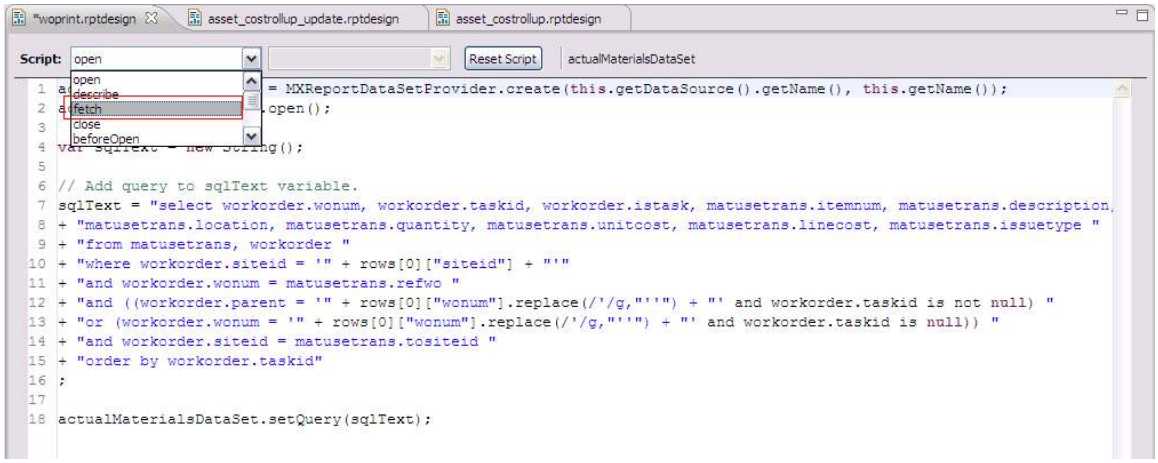
C3. Click on Script tab



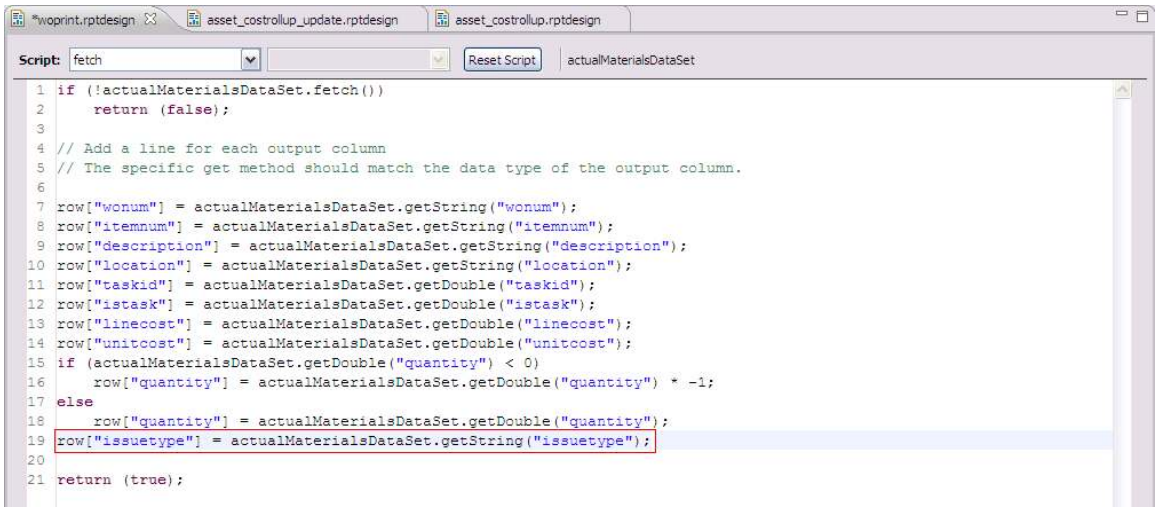
C4. Add “, matusetrans.issuetype” before the “from” clause.



C5. Switch to Fetch Script

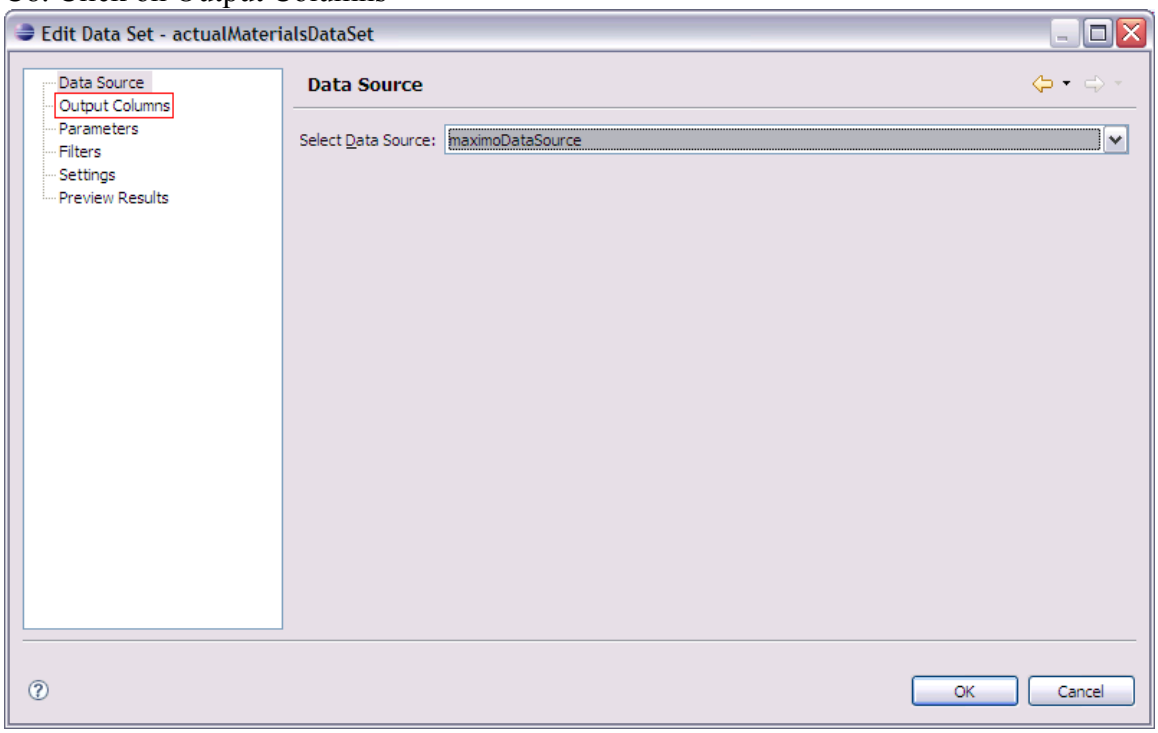


C6. Add " row["issuetype"] = actualMaterialsDataSet.getString("issuetype");" before "return (true)" statement

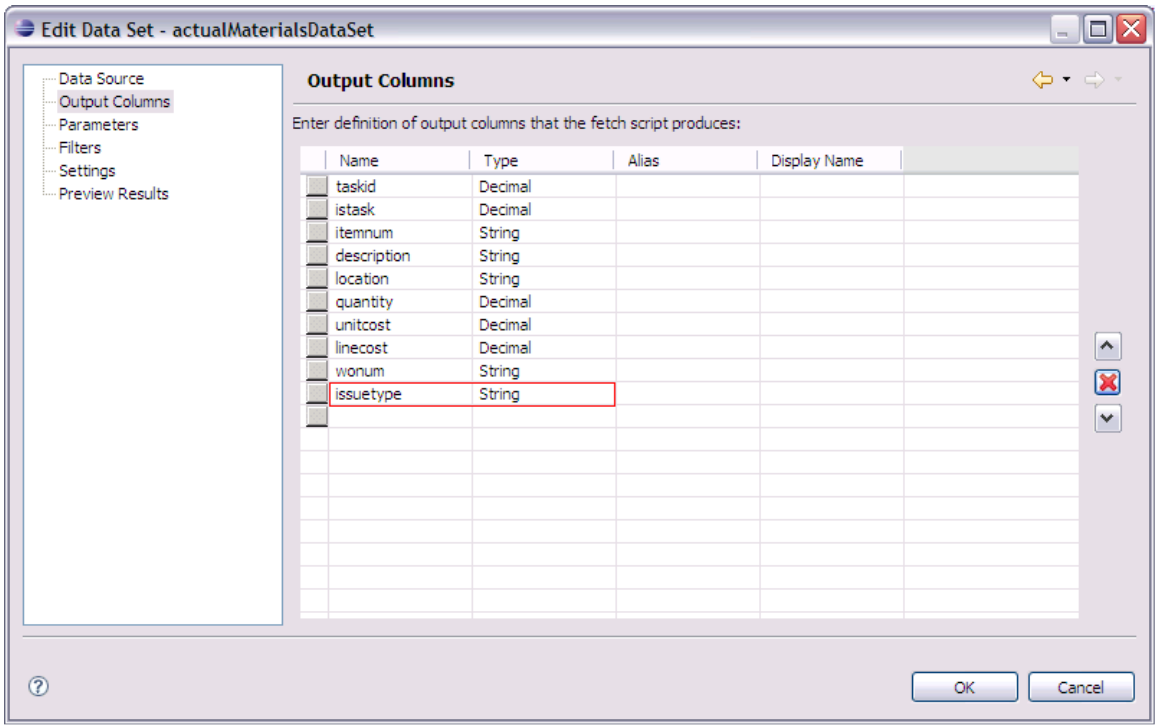


C7. On Data Explorer view, double click actualMaterialsDataSet Data Set

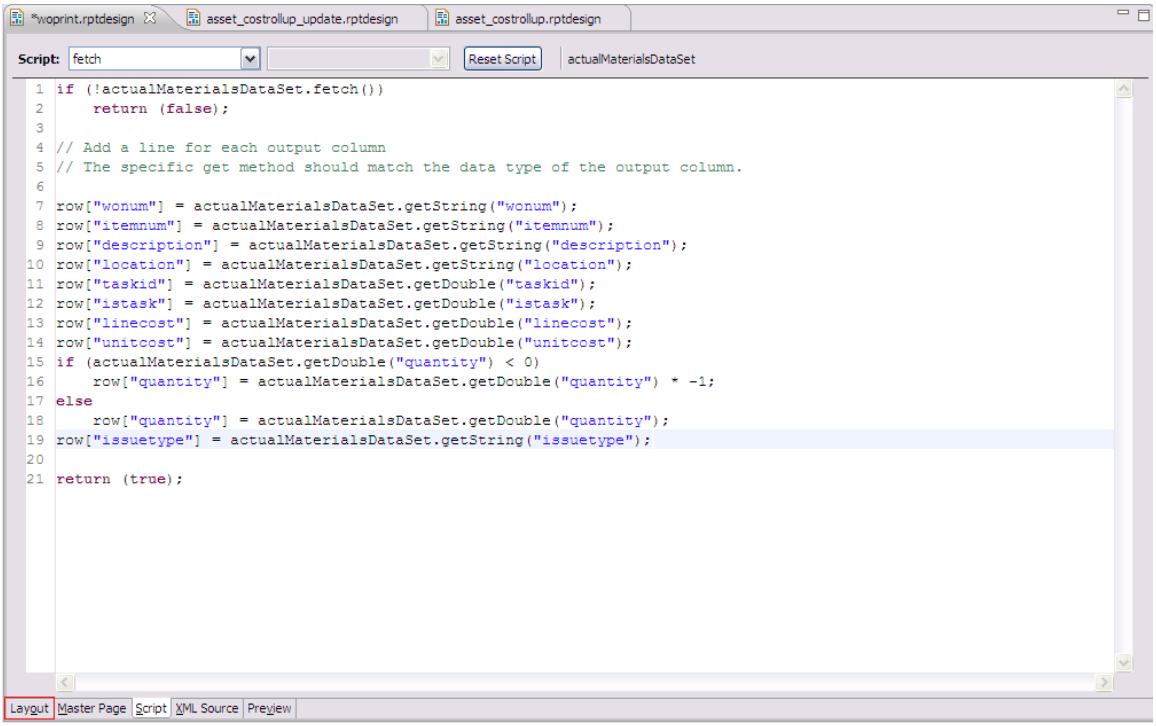
C8. Click on Output Columns



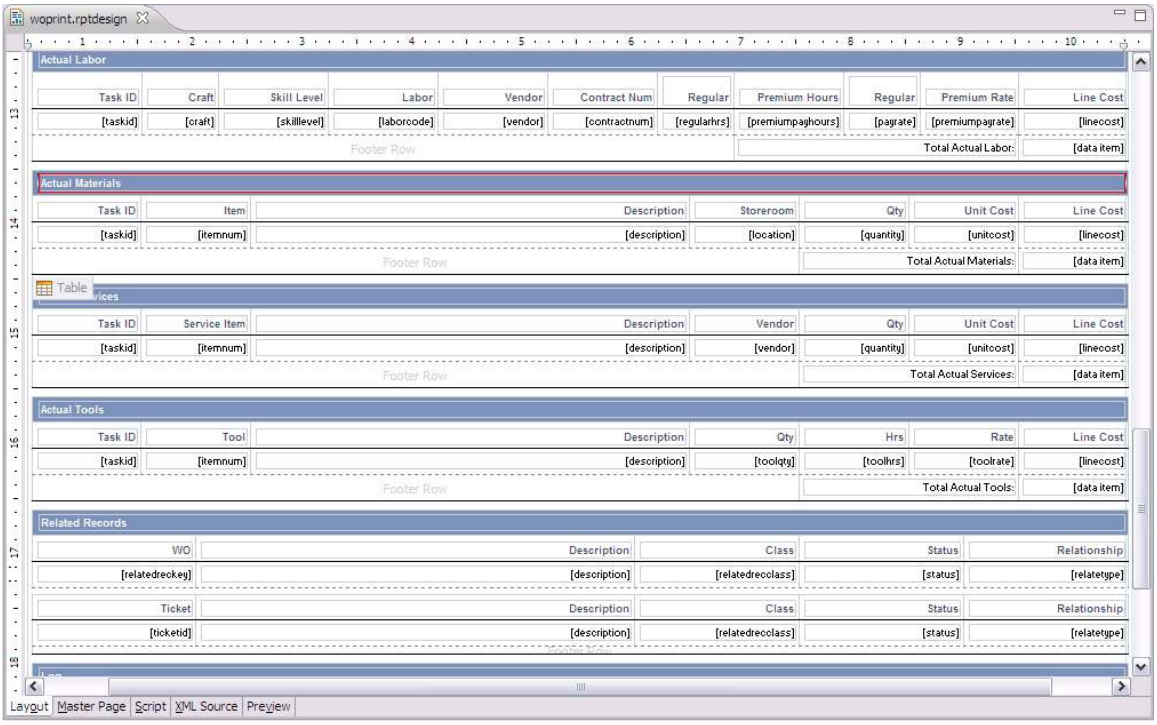
C9. Add: Name: issuetype
Type: string
Click on OK button



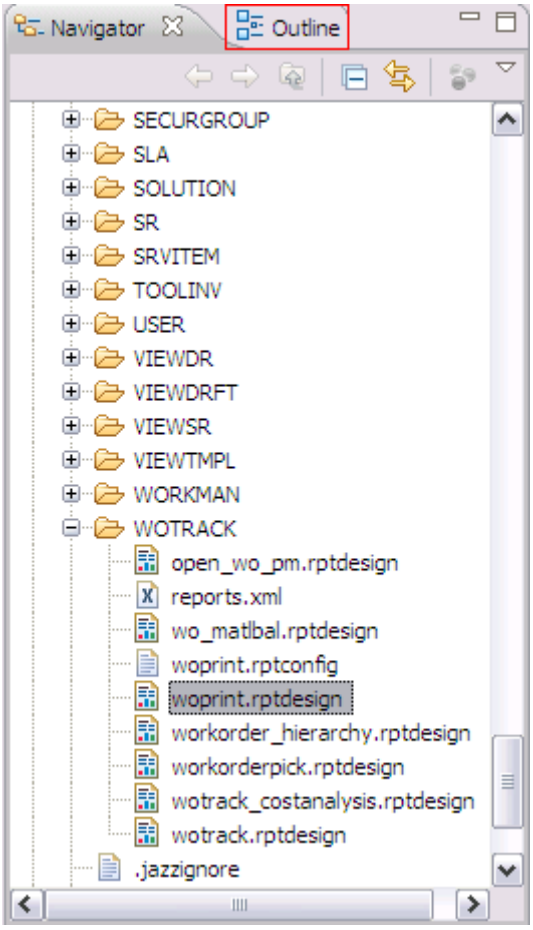
C10. Click on Layout tab



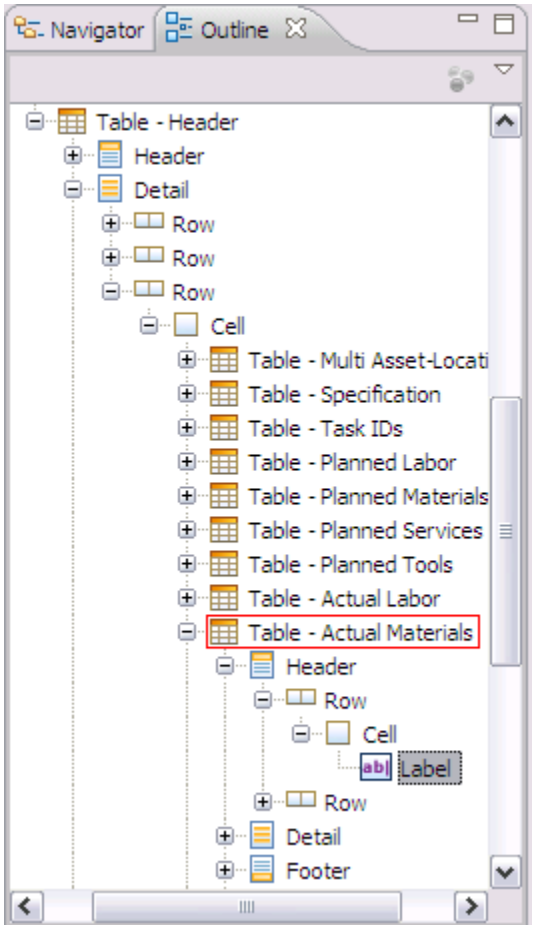
C11. On the report layout, click on Actual Materials label field.



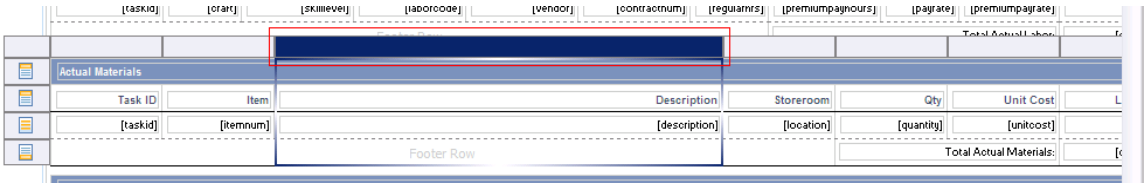
C12. Click on Outline tab.



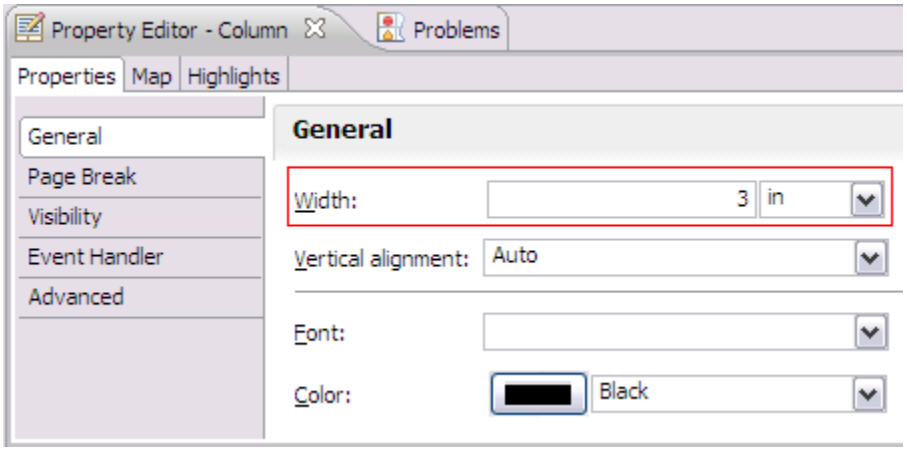
C13. Select Table – Actual Materials



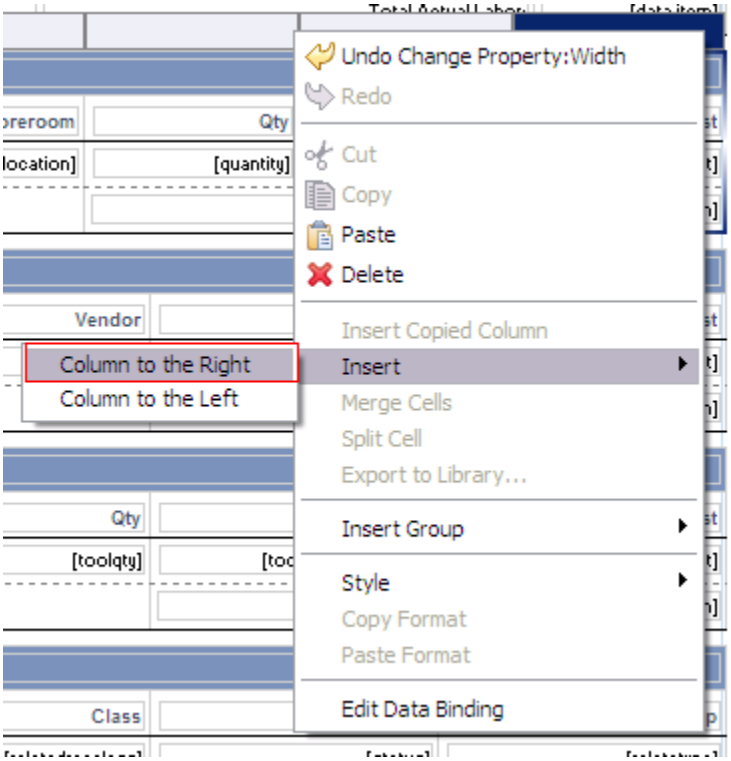
C14. Select the top of Description column



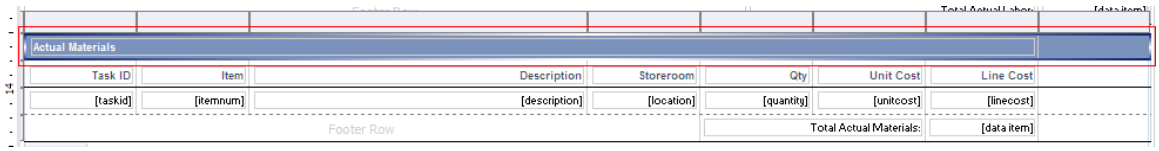
C15. On Property Editor, change column width to 3



C16. Right click on the top of Line Cost column and click on Insert > Column to the Right



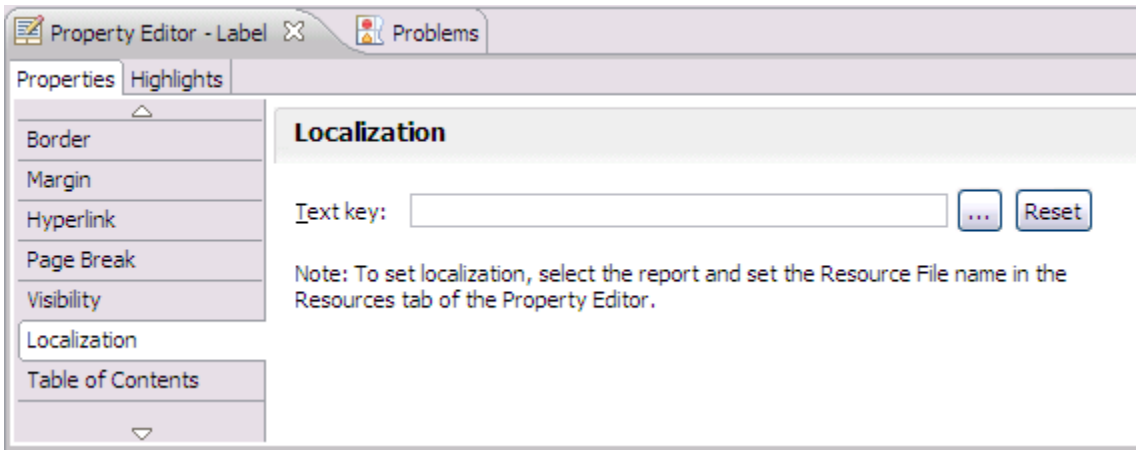
C17. Select both Actual Materials cell and the cell in blue you've just created.



C18. Right click on the blue empty cell you've selected and click on Merge Cells

C19. Right click on the line next to Line Cost field. Click on Insert > Label

C20. On Property Editor, Select Localization tab and click on "…" button

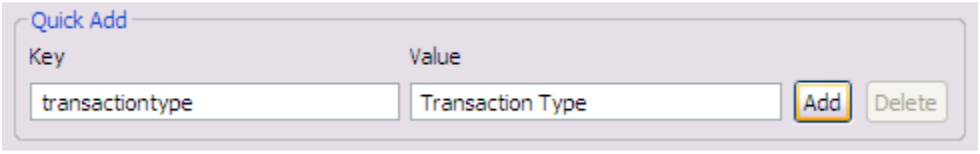


C21. Enter:

Key: transactiontype

Value: Transaction Type

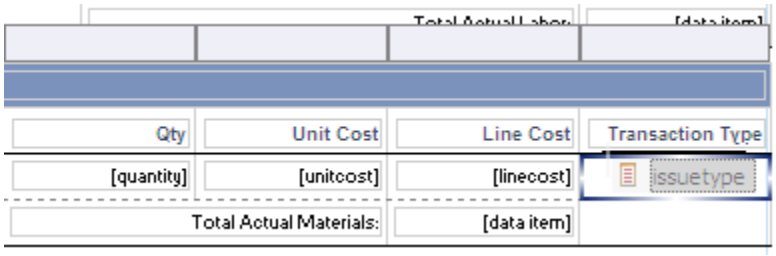
Click on Add button



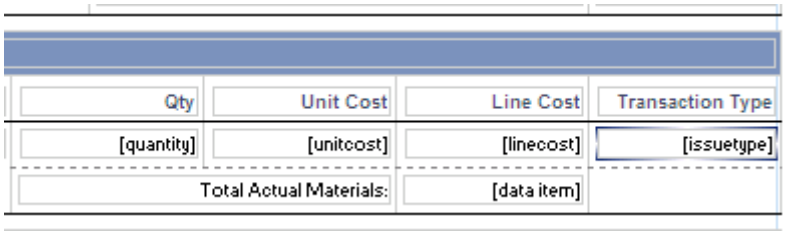
C22. Select transactiontype on the list and click on OK button.

C23. Expand actualMaterialDataSet from Data Explorer view.

C24. Drag and drop issuetype from actualMaterialDataSet to the report



C25. The new column should look like this:



C26. Save the report

After your report modifications are complete, import the updated report. You can do this either via the command utility, or thru the action available in Maximo's Report Administration application.

For additional details on importing, reference the V7 Report Feature Guide available on IBM's support site.

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