

# Quick Viewer: SAP Report Generating Tool



## Applies to:

SAP Net Weaver 7.0, ABAP, SAP ECC 6.0, to all those who wants to learn about SAP Report Generating Tool: Quick Viewer. For more information, please visit the [ABAP homepage](#).

## Summary

Quick Viewer is a Report Generating tool. Quick Viewer has been designed for users with little or no knowledge of the SAP programming language. It generates simple reports as per business need, without the need for any ABAP coding. It is quick and easy to use tool for quick collection of data from SAP R/3 system.

This document will take through detailed step by step approach by means of example and screen shots, so as to understand the use of Quick Viewer in detail.

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**Created on:** 21 October 2010

## Author Bio



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## Introduction

**Quick Viewer** is a Report Generating tool. Quick Viewer has been designed for users with little or no knowledge of the SAP programming language. It generates simple reports as per business need, without the need for any ABAP coding. It is quick and easy to use tool for quick collection of data from SAP R/3 system.

## Quick Viewer VS SAP Query

1. **Quick Viewer** reports are user dependent they cannot be exchanged between users while SAP Queries can be assigned to one or more user group.
2. **Quick Viewer** only creates Basic List while SAP Queries also have capability to create Statistics and Ranked lists.
3. **Quick Viewer** do not require Infosets for their generation as we can specify data source explicitly while SAP Queries does.

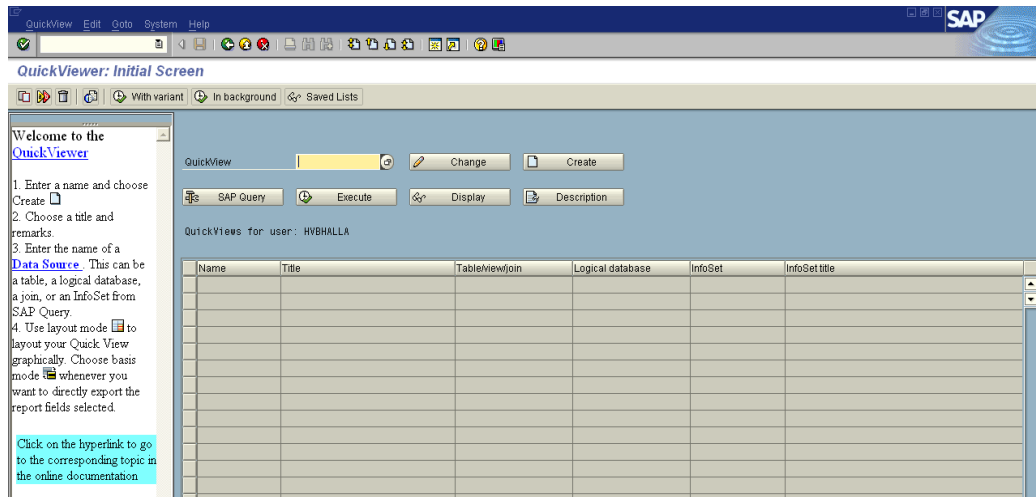
## Navigation path for Quick Viewer

IMG Menu path	SAP Menu → Tools → ABAP Workbench → Utilities → SQVI – Quick Viewer
Transaction Code	SQVI

## Report Generation by Quick Viewer

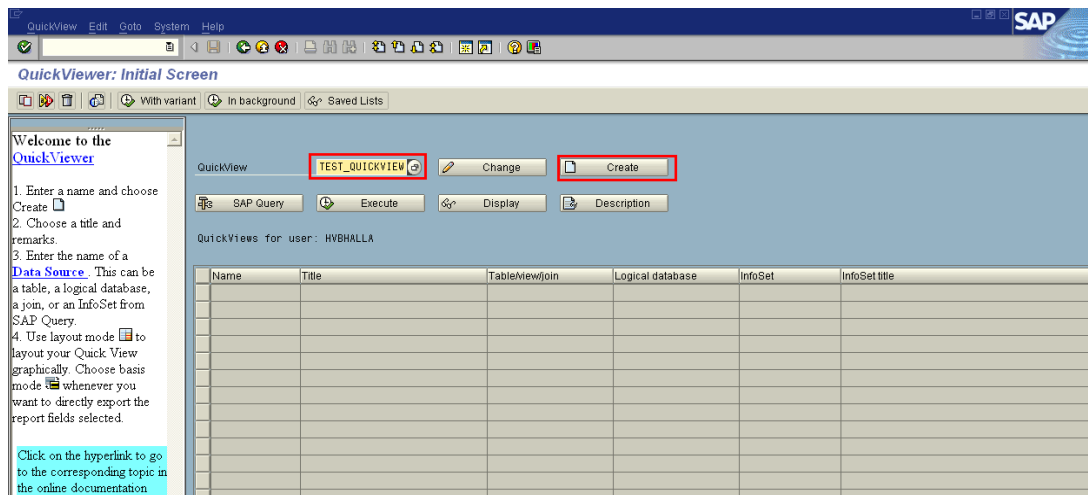
### Step 1:

Execute Transaction SQVI.



### Step 2:

Enter name of the QuickView and press



Note: Name space is not restricted to Y or Z.

**Step 3:**

Input Title and Comment.

QuickView: TEST\_QUICKVIEW

Title: Example of QuickView on Purchase data

Comments: QuickView on Purchase data

1. Data source: Table

2. Data from table/database view: Table/View

Basis mode  Layout mode

**Step 4:**

Choose the Data Source.

Following Data sources can be used:

1. **Table:** Select this when business requirement is to fetch records from only single database table. For example, suppose we have to display Purchasing Document Number (EBELN) on the basis of Company Code (BUKRS). Then select Data Source as Table and Database table as EKKO (Purchasing Document Header).
2. **Table Join:** Select this when business requirement is to fetch records from more than one table. For Example, suppose we have to display Sales data from sales tables VBAK (Sales Document: Header Data), VBAP (Sales Document: Item Data) and VBEP (Sales Document: Schedule Line Data) on the basis of Sales Document (VBELN) and Sales Document Item (POSNR).
3. **Logical Database:** Select this when business requirement is to fetch records from a Logical Database. For Example, suppose we have to display Accounting Document data from Logical Database BRM (Accounting Documents).
4. **SAP Query InfoSet:** Select this when business requirement is to fetch records based on an available InfoSet of a SAP Query.

In our example we will display Purchase data from EKKO (Purchasing Document Header) and EKPO (Purchasing Document Item) as follows:

QuickView: TEST\_QUICKVIEW

Title: Example of QuickView on Purchase data

Comments: QuickView on Purchase data


1. Data source: Table join

Basis mode  Layout mode

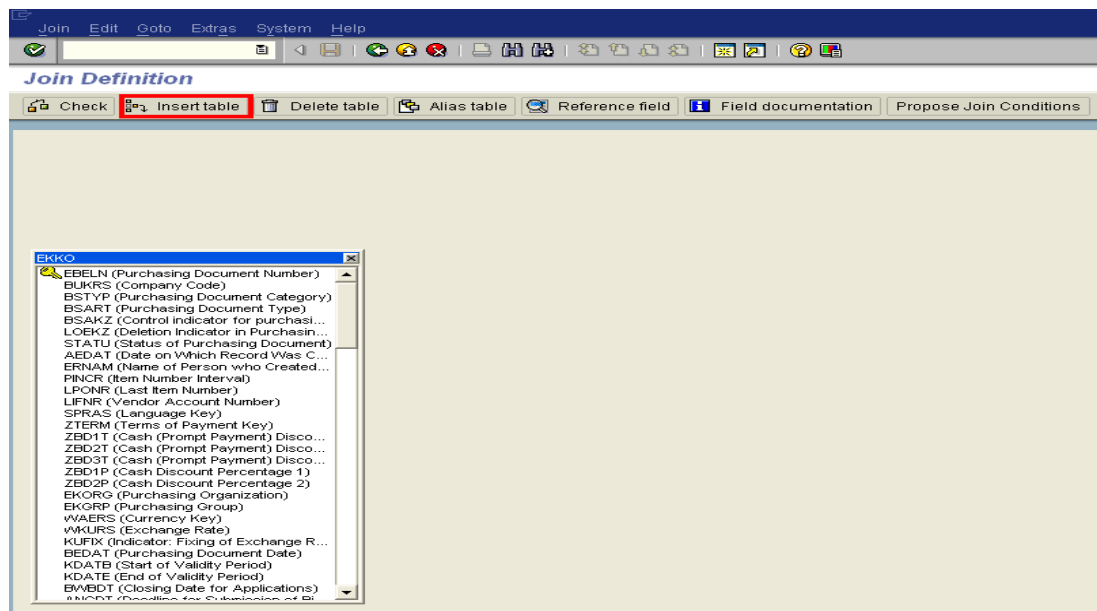
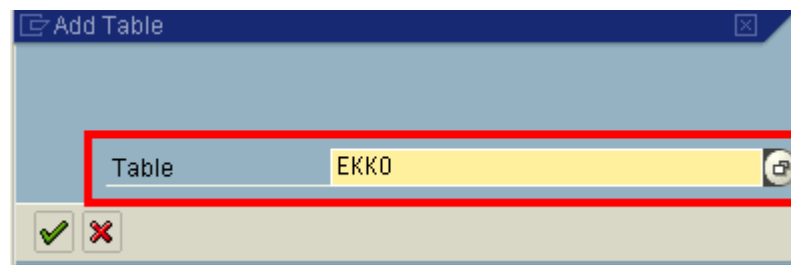
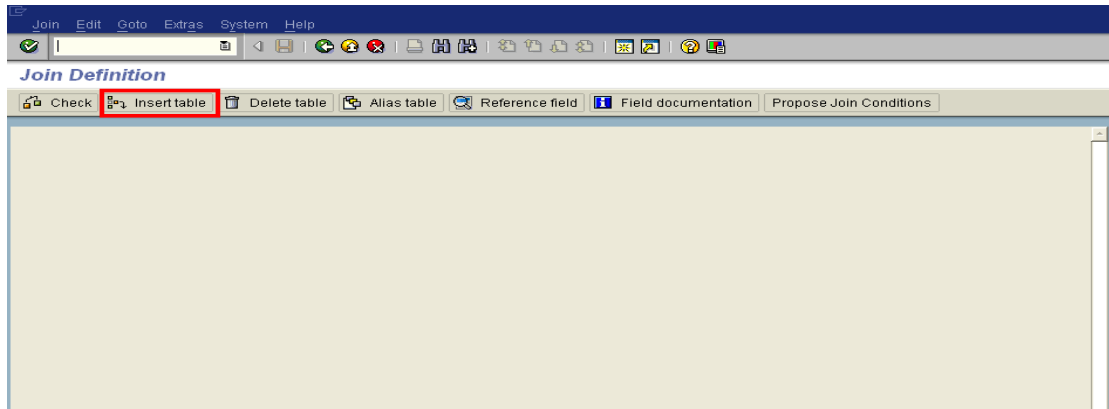
**Choose mode:**

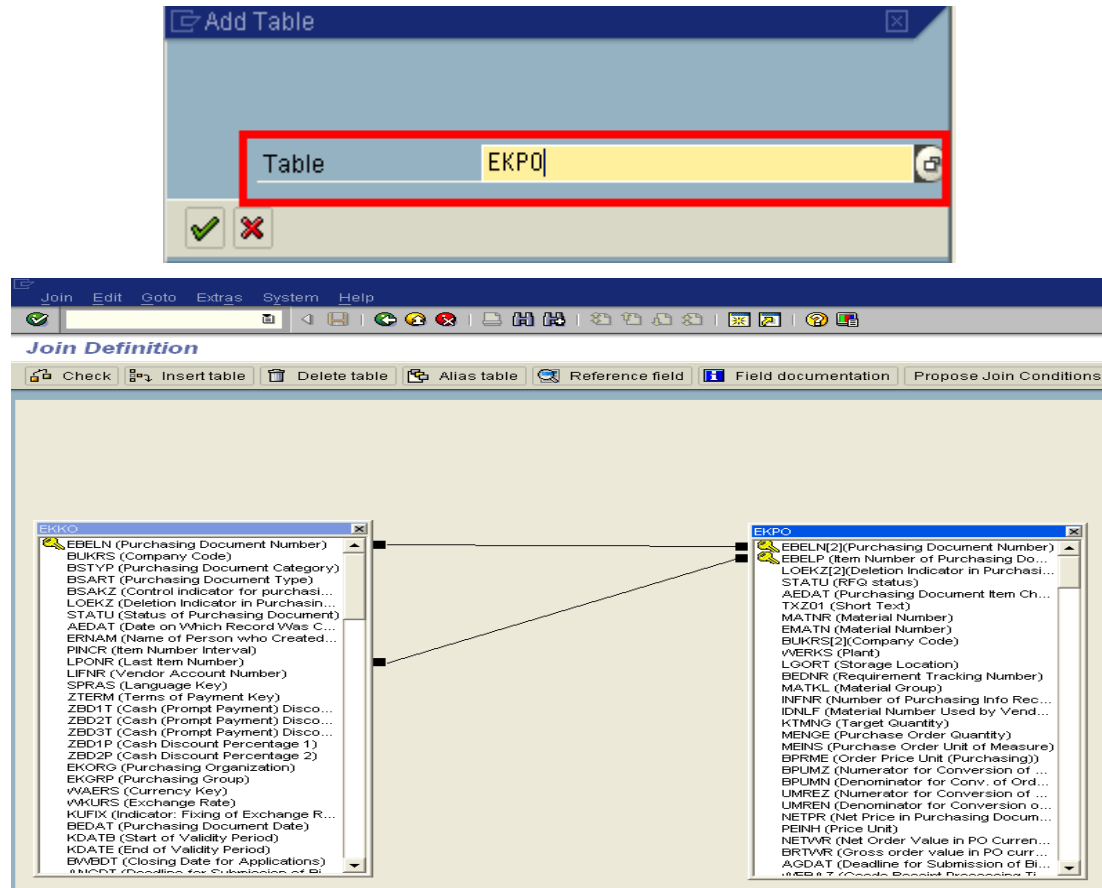
1. **Basis Mode :** To create list directly without design and
2. **Layout Mode:** To design list.

**Step 5:**

Select Tables using  Insert table and specify their join condition.

We have to insert EKKO (Purchasing Document Header) and EKPO (Purchasing Document Item) database tables.



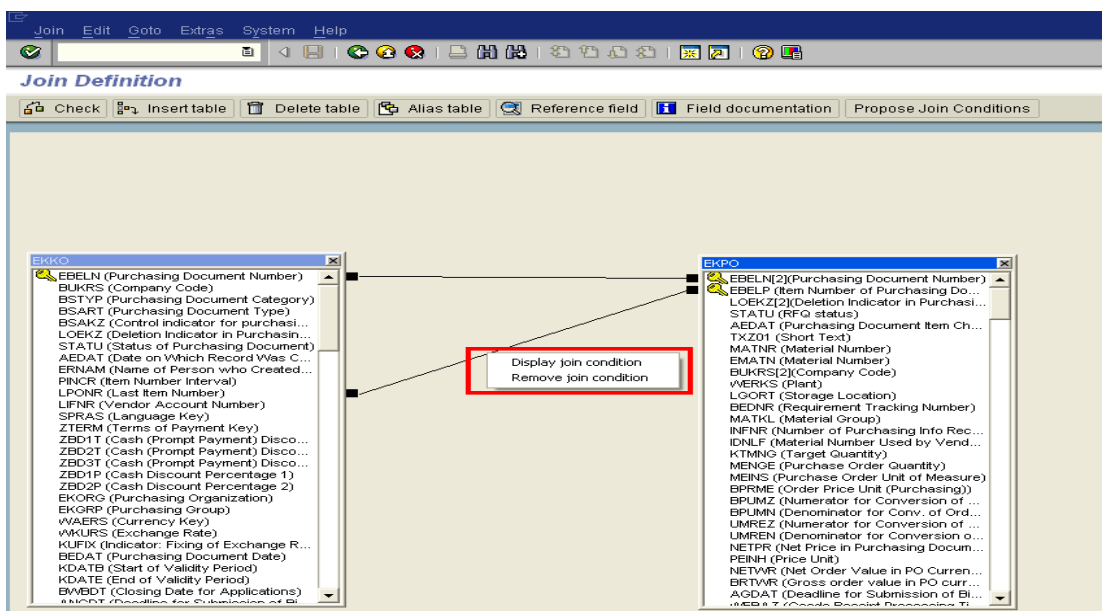


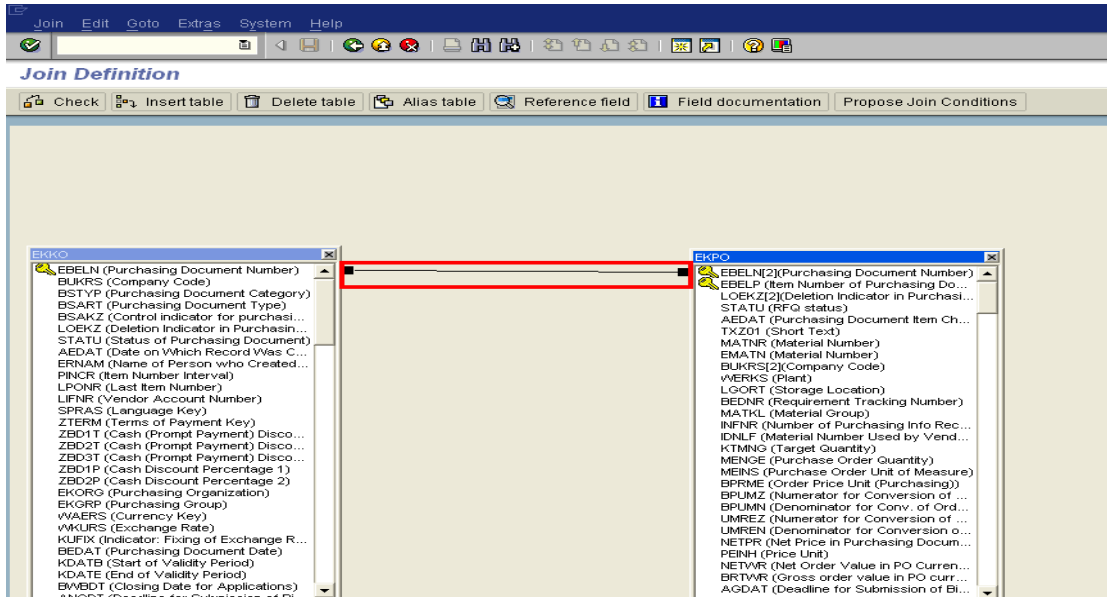
Note: SAP automatically proposes joins based on data type of the field. Join condition is represented as horizontal line connecting the fields of the database tables.

### Step 6:



Correct join condition.

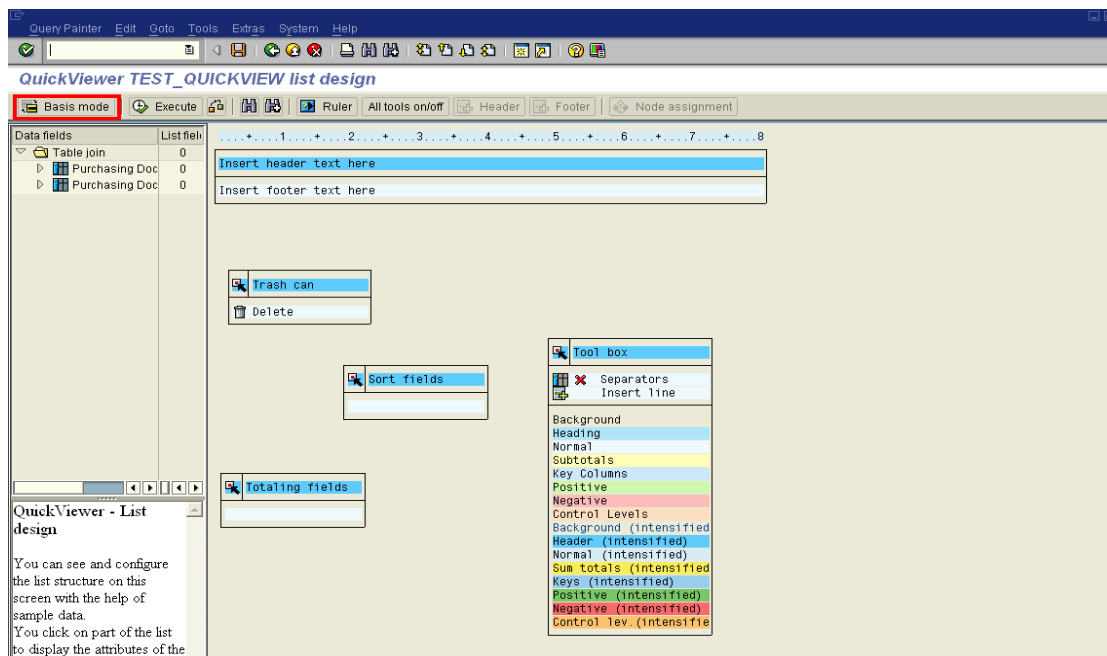
Join condition can be edited by a right click on the horizontal line between the tables.





**Step 7:**

Press  and reach to main screen. Also press  **Basis mode** to change mode.





**Step 8:**

Choose the field to be displayed.

Output will display following fields from the database tables:

- EKKO-EBELN (Purchasing Document Number),
- EKPO-EBELP (Item Number of Purchasing Document),
- EKKO-BSART (Purchasing Document Type),
- EKPO-AEDAT (Purchasing Document Item Change Date),
- EKPO-BUKRS (Company Code),
- EKPO-WERKS (Plant) and
- EKPO-LGORT (Storage Location) .

The screenshot shows the SAP QuickViewer interface for the report 'TEST\_QUICKVIEW'. The 'Fields in list' table is highlighted with a red box, showing the following fields:

No.	Row	Field Descript.
1		Purchasing Document Type
2		Purchasing Document Number
3		Item Number of Purchasing Document
4		Purchasing Document Item Change D
5		Company Code
6		Plant
7		Storage Location

The 'Available fields' list on the right includes: Field Descript., Company Code, Purchasing Document Category, Control indicator for purchase, Deletion indicator for purchase, Status of Purchasing Document, Date on Which Record Was, Name of Person who Created, Item Number Interval, Last Item Number, Vendor Account Number, Language Key, Terms of Payment Key, Cash (Prompt Payment) Discount, Cash (Prompt Payment) Discount, Cash (Prompt Payment) Discount, Cash Discount Percentage, Cash Discount Percentage, Purchasing Organization, Purchasing Group, and Currency Key.

**QuickViewer-Field selection**  
 Choose the fields you want to display in the list  
 To select, click on the entry in the table control on the right and choose .  
 To deselect, click on the entry in the table control on the left and choose pushbutton .  
 You change the field sequence using the pushbuttons and .  
 Sort fields and selection fields can be maintained on the appropriate pages

**Step 9:**

Choose Selection Fields.

Selection screen will contain following fields:

EKKO-EBELN (Purchasing Document Number) and

EKKO-BSART (Purchasing Document Type) .

The screenshot shows the SAP QuickViewer interface for a report titled 'TEST\_QUICKVIEW list design'. The main window is divided into several sections:

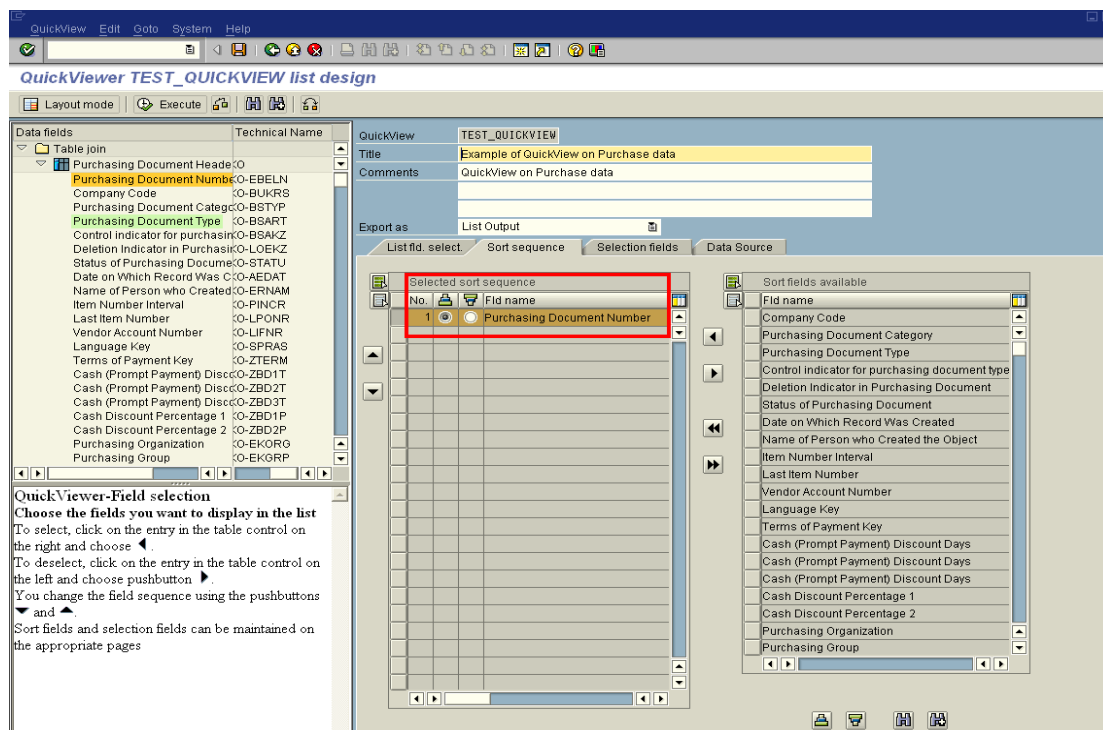
- Data fields:** A list of available fields for selection, including 'Purchasing Document Number' (EKKO-EBELN) and 'Purchasing Document Type' (EKKO-BSART).
- Selection fields:** A table where selected fields are listed. Two fields are currently selected and highlighted with a red box:
 

No.	L.	Field Descript.
1		Purchasing Document Number
2		Purchasing Document Type
- Possible selection fields:** A list of fields that can be added to the selection fields table, including 'Company Code', 'Purchasing Document Category', 'Control Indicator for purchase', etc.
- QuickViewer-Field selection:** A help section at the bottom left providing instructions on how to select and manage fields in the report design.

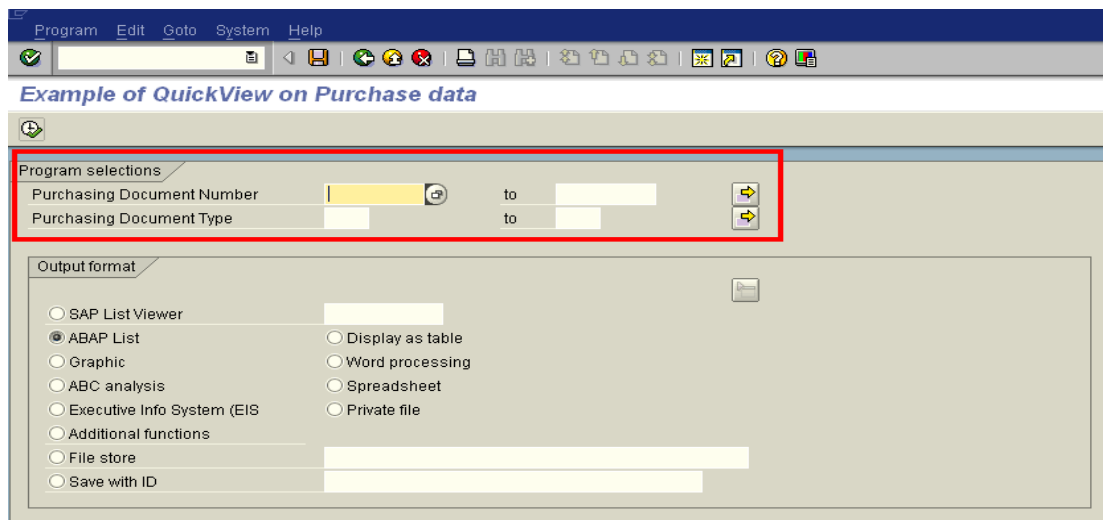
**Step 10:**

Choose the Sort sequence.

Sort the output by EBELN (Purchasing Document Number).

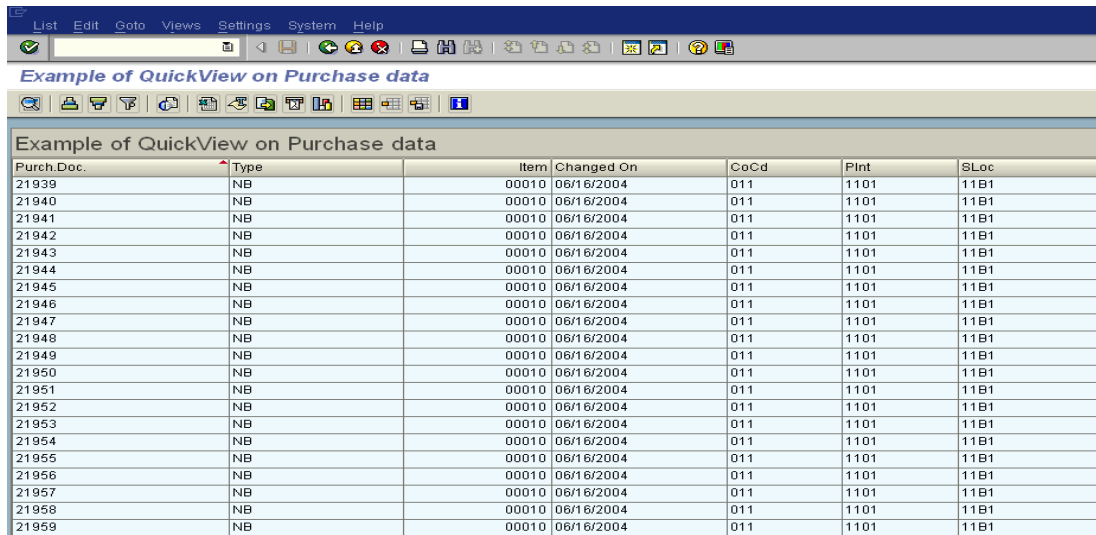
**Step 11:**

Check Consistency  and Execute  Execute.



## Step 12:

## Output



The screenshot displays the SAP Quick Viewer interface. At the top, there is a menu bar with options: List, Edit, Goto, Views, Settings, System, and Help. Below the menu is a toolbar with various icons for navigation and actions. The main content area is titled "Example of QuickView on Purchase data" and contains a table with the following data:

Purch.Doc.	Type	Item	Changed On	CoCd	Plnt	SLoc
21939	NB	00010	06/16/2004	011	1101	11B1
21940	NB	00010	06/16/2004	011	1101	11B1
21941	NB	00010	06/16/2004	011	1101	11B1
21942	NB	00010	06/16/2004	011	1101	11B1
21943	NB	00010	06/16/2004	011	1101	11B1
21944	NB	00010	06/16/2004	011	1101	11B1
21945	NB	00010	06/16/2004	011	1101	11B1
21946	NB	00010	06/16/2004	011	1101	11B1
21947	NB	00010	06/16/2004	011	1101	11B1
21948	NB	00010	06/16/2004	011	1101	11B1
21949	NB	00010	06/16/2004	011	1101	11B1
21950	NB	00010	06/16/2004	011	1101	11B1
21951	NB	00010	06/16/2004	011	1101	11B1
21952	NB	00010	06/16/2004	011	1101	11B1
21953	NB	00010	06/16/2004	011	1101	11B1
21954	NB	00010	06/16/2004	011	1101	11B1
21955	NB	00010	06/16/2004	011	1101	11B1
21956	NB	00010	06/16/2004	011	1101	11B1
21957	NB	00010	06/16/2004	011	1101	11B1
21958	NB	00010	06/16/2004	011	1101	11B1
21959	NB	00010	06/16/2004	011	1101	11B1

## Modes in Quick Viewer

Two modes are available:

1. **Basis Mode:** For display or export of list in standard format.

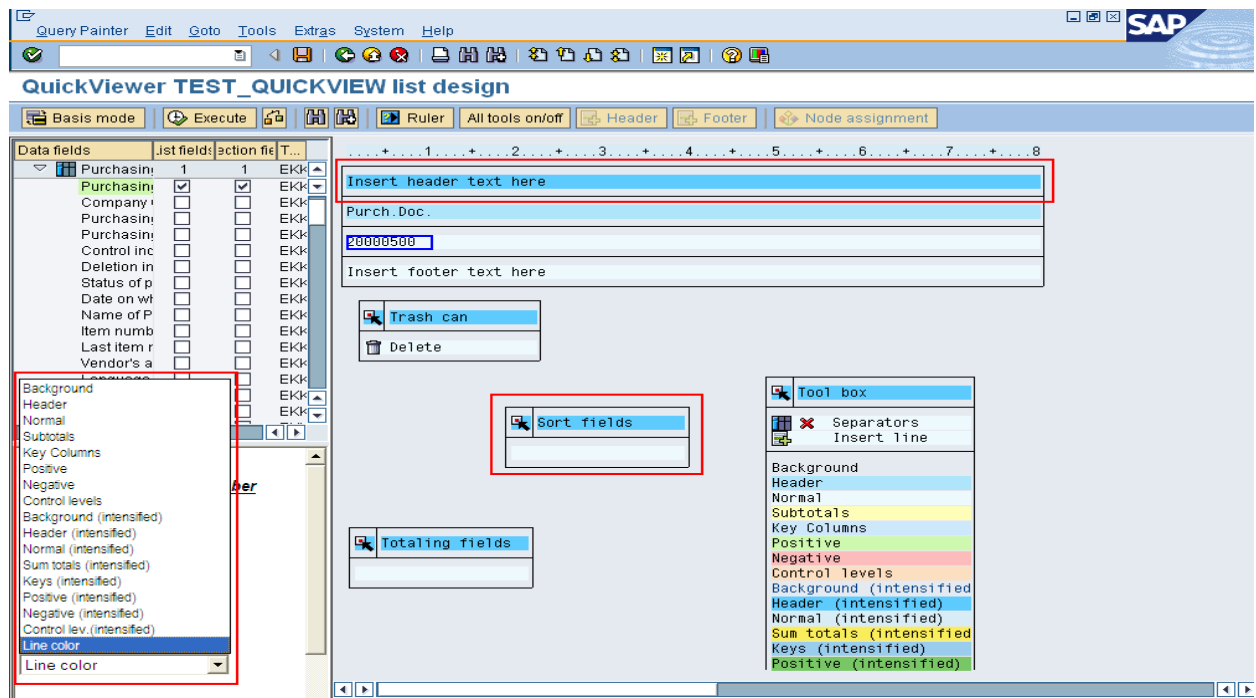
Basis mode allows:

- a. Selection of fields and their sequence.
- b. Sort criteria and order.
- c. Fields for the selection screen.
- d. List display in standard format and list export to Word Excel etc.

2. **Layout Mode:** To modify graphical structure of list. Use especially for constructing basic lists.

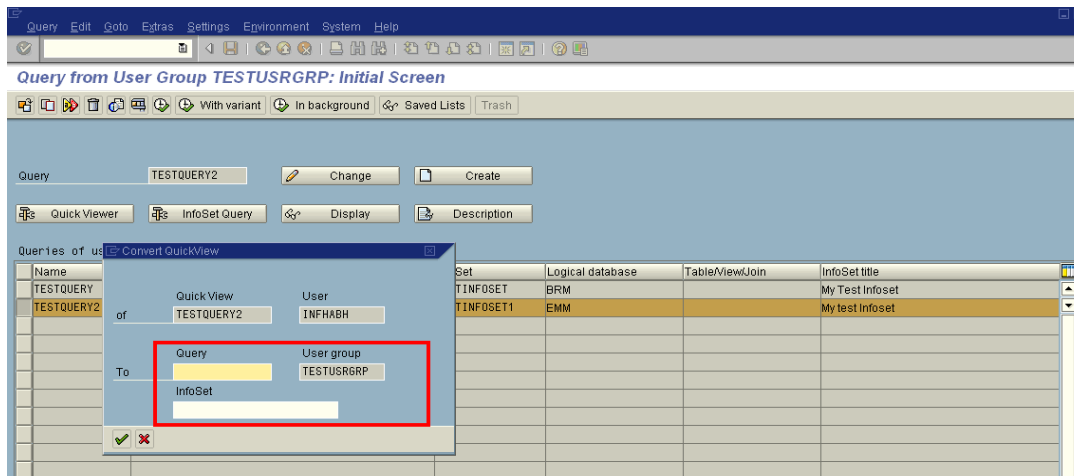
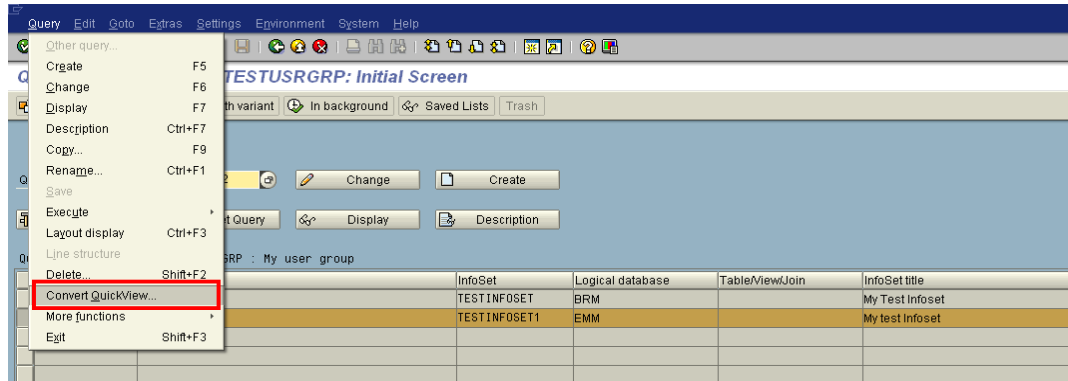
Layout mode allows:

- a. Change positioning and Size of fields.
- b. Sort.
- c. Create Total lists.
- d. Create Screen templates.
- e. Create headers, footers, and column headers etc.



## Converting QuickViews to Queries

1. Choose **Utilities** → **SAP Query** → **Queries** in the ABAP Workbench or execute transaction SQ01.
2. Select desired User Group.
3. Choose **Query** → **Convert QuickView**.
4. Enter a name of the Query.
5. Enter a name of the Infoset.



## Transport of QuickViews

Once Quickview is created,

1. Press 'SAP Query' button in Quickviwer/SQVI transaction. Then it will lead you to SAP Query.
2. Choose from menu. Query → Convert QuickView → Assign Infoset name and user group. This will create a Query.
3. Then transport the query.

Transport of the query objects is done as follows:

1. By using the standard program '**RSAQR3TR**'.
2. By using the transport option available on the application bar in Transactions SQ02 or SQ03.
3. Order of transport should be :
  - i. User Group transport
  - ii. Infoset transport
  - iii. Queries transport

## Related Content

[BC - SAP Query and the Quick Viewer](#)

[SAP Documentation : Quick Viewer](#)

For more information, please visit the [ABAP homepage](#)



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