

Pivot Transform

by Sudheer Sharma - Wednesday, February 11, 2009

<http://dwhnotes.com/data-integrator/pivot-transform>

What do you think of this post?

[Awesome \(5\)](#) [Interesting \(3\)](#) [Useful \(2\)](#)

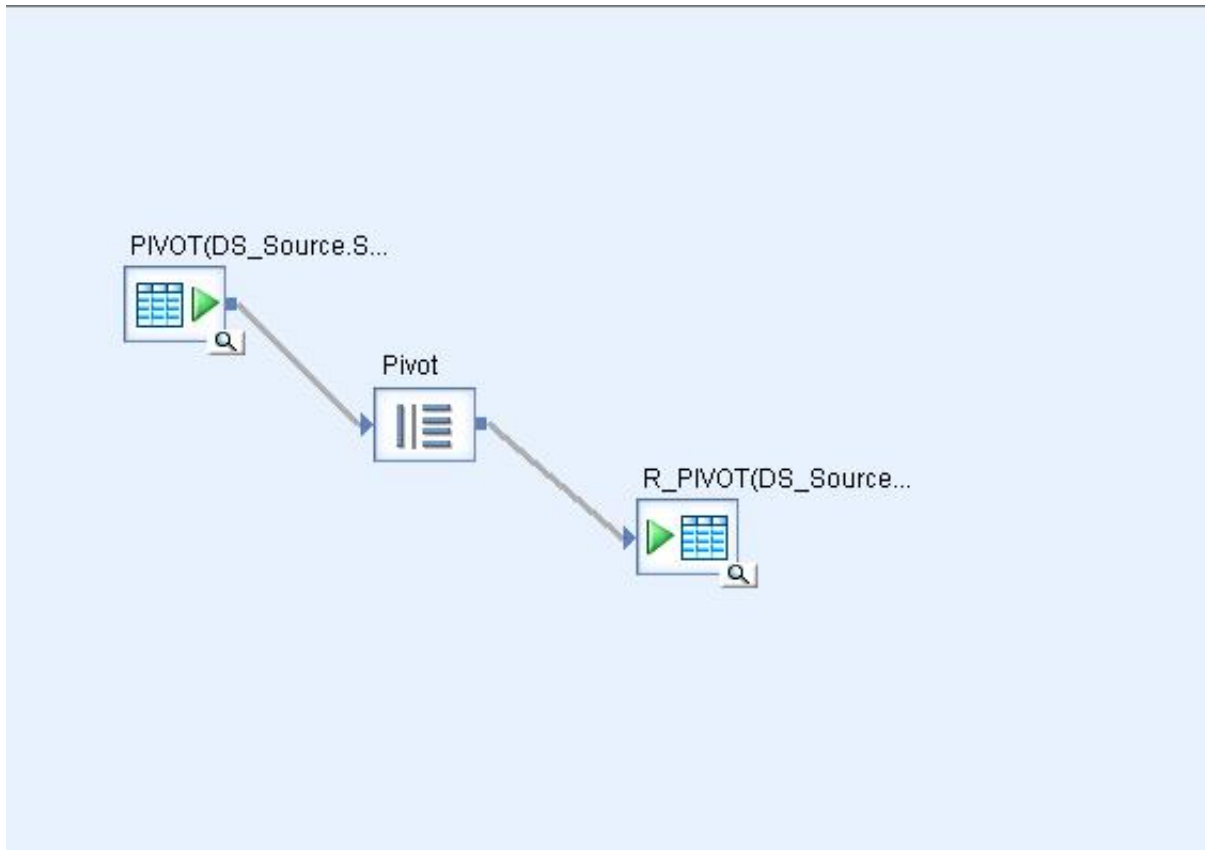
Note on Pivot: This creates a new row for every value that you specified as a pivot column. Observe the icon, it says that will convert column to rows.

Options:

- **Pivot_Sequence** : It creates a sequence for each row created from a pivoted column
- **Non Pivot** : List of columns specified here by you, those will be displayed as it is in the target.
- **Pivot Sets** : For each n every pivot set, you can define a set of columns. For each set you will be having a Header column and a Data column. Header column consists all the pivoted columns, and Data column contains the actual data in the pivoted columns.
- **Pivot Columns** : Set of columns swivelled to rows.

Design Steps: Having 5 columns in the source table(Sno, Sname, Jan_sal, Feb_sal, Mar_sal). I want to convert salary column values in to rows

- Drag the source table and target table from Datastore object library on to the workspace, drag the Pivot transform and place in between your source and target. Now, connect each object as shown in the below figure.



- Have a glance on source data

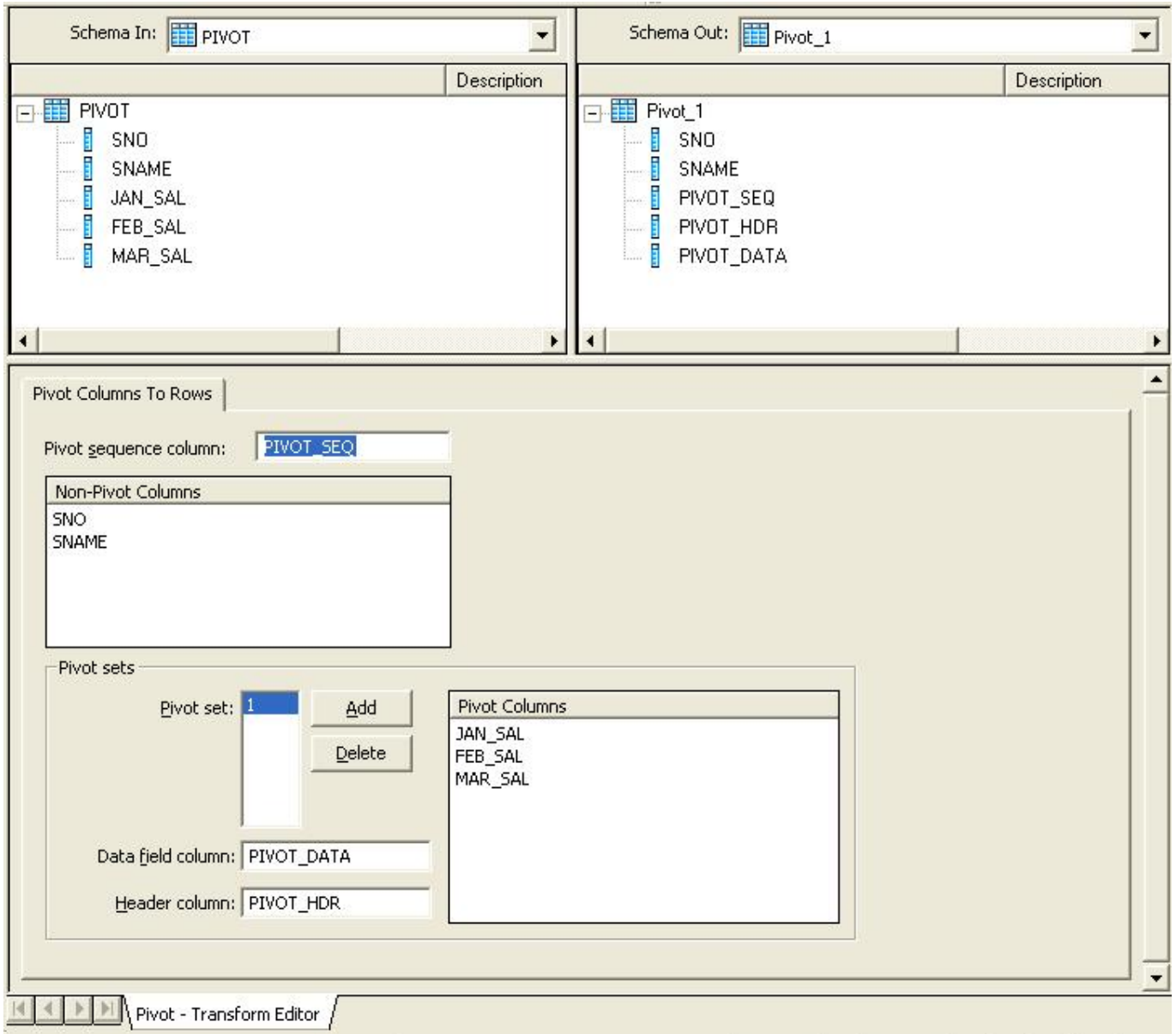
SNO	SNAME	JAN_SAL	FEB_SAL	MAR_SAL
1	Sudheer	20000.00	22220.00	24000.00
2	Sharma	30000.00	33300.00	34000.00
3	Hari	50000.00	55555.00	56666.00
4	Ram	40000.00	45000.00	50000.00

Record: 1 of 4

DF_Pivot - Data Flow

- Give a dbl. click on the Pivot Transform. Check the Pivot sequence name, by default “PIVOT_SEQ” will be there. If you want you can change or leave as it is. Now I want to load **Sno**, **Sname** as it is. So i have dragged these two columns on to the Non-pivotal list.

- Now drag all **SAL** Columns on to the Pivotal list. Default PIVOT_DATA, PIVOT_HDR names will be generated.



- Save the definition, now you can see, **(SNO, SNAME, PIVOT_SEQ, PIVOT_HDR, PIVOT_DATA) columns** in Schema Out.
- Come out from the Pivot transform by pressing **BACK** button on the standard tool bar.
- Save the Dataflow, validate it and execute the job.
- Check out the resultant data.

Pivot Transform - 02-11-2009

by Sudheer Sharma - A small notes. . . - <http://dwhnotes.com>

R_PIVOT(DS_Source.SCOTT)

SNO	SNAME	PIVOT_SEQ	PIVOT_HDR	PIVOT_DATA
1	Sudheer	1	JAN_SAL	20000.00
1	Sudheer	2	FEB_SAL	22220.00
1	Sudheer	3	MAR_SAL	24000.00
2	Sharma	1	JAN_SAL	30000.00
2	Sharma	2	FEB_SAL	33300.00
2	Sharma	3	MAR_SAL	34000.00
3	Hari	1	JAN_SAL	50000.00
3	Hari	2	FEB_SAL	55555.00
3	Hari	3	MAR_SAL	56666.00
4	Ram	1	JAN_SAL	40000.00
4	Ram	2	FEB_SAL	45000.00
4	Ram	3	MAR_SAL	50000.00

Record: 1 of 12

DF_Pivot - Data Flow

What do you think of this post?

[Awesome \(5\)](#) [Interesting \(3\)](#) [Useful \(2\)](#)