



POWER OF SIMPLICITY

Developer Manual – Automatic Price List Import from Excel

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Automatic Price List Import from Excel

Scenario

A Company “**Ever Shine Super Market**” is a medium scale retail concern. They have their Head Office at Bangalore and 3 branches at Mumbai, Chennai and Kolkata. They are using **Tally.ERP9** for all their branches.

The prices of their Items keep fluctuating based on the market conditions and special offers. Therefore, Head Office prepares Price List in Excel and sends it to various branches which are being entered in Tally manually. This cumbersome process is being followed by each branch and a lot of their productive man hours are lost.

Hence, to simplify this process in each branch, they have decided to automate the Price List entry. The format in which Price List has been sent to them is as under:-

ItemName	ApplDate	PriceLevel	FromQty	ToQty	Rate
F.G. 1	5-Mar-09	Dealers	0	50	90.00
F.G. 1	5-Mar-09	Dealers	50	100	80.00
F.G. 1	5-Mar-09	Dealers	100	0	60.00
F.G. 1	1-Jan-09	Wholesalers	0	150	75.00
F.G. 1	1-Jan-09	Wholesalers	150	250	65.00
F.G. 1	1-Jan-09	Wholesalers	250	0	55.00
F.G. 2	1-Jan-09	Dealers	0	50	35.00
F.G. 2	1-Jan-09	Dealers	50	100	30.00
F.G. 2	1-Jan-09	Dealers	100	0	25.00
F.G. 2	1-Jan-09	Wholesalers	0	150	15.00
F.G. 2	1-Jan-09	Wholesalers	150	250	10.00
F.G. 2	1-Jan-09	Wholesalers	250	0	5.00
F.G. 3	1-Jan-09	Dealers	0	50	60.00
F.G. 3	1-Jan-09	Dealers	50	100	55.00
F.G. 3	1-Jan-09	Dealers	100	0	50.00
F.G. 3	1-Jan-09	Wholesalers	0	150	45.00
F.G. 3	1-Jan-09	Wholesalers	150	250	40.00
F.G. 3	1-Jan-09	Wholesalers	250	0	35.00
F.G. 4	1-Jan-09	Dealers	0	50	250.00
F.G. 4	1-Jan-09	Dealers	50	100	210.00
F.G. 4	1-Jan-09	Dealers	100	0	180.00
F.G. 4	1-Jan-09	Wholesalers	0	150	150.00
F.G. 4	1-Jan-09	Wholesalers	150	250	110.00
F.G. 4	1-Jan-09	Wholesalers	250	0	85.00

They need the above Price List to be imported into Tally without having to key them in.

Solution

Since the above data is in Excel Format which needs to be automated, a TDL Extension must be built to gather the information and import the same automatically.

To automate this Price List Import process in Tally.ERP9, we need External Data with the required fields gathered in the Collection using the

I. Following Collection Attributes.

- a. **ODBC** – This Attribute is used to specify driver information and the path of the destination file.

Example:

```
ODBC : "{Driver=Microsoft Excel Driver(*.XLS)};  
DefaultDir=C:\;  
DBQ=Price List in Excel.XLS"
```

- b. **SQL** – SQL Attribute is used to select all or relevant columns/ data from the Table or Sheet

Example:

```
SQL : "Driver= "Select ItemName, ApplDate, PriceLevel,  
Val(FromQty), Val(ToQty), Val(Rate) from [Price Levels$]"
```

Since Object Price List is within Full Price List Object which is under Stock Item Object, we need to have 3 Collections.

- i) First for the Stock Item,
- ii) Second for the Price Levels & Date and
- iii) Third for the actual Price List

II. Next step is to write a Function & call the same to Import the Price List.

TDL Capabilities Used

- I. **User Defined Function:** Price List Import
- II. **Filter** attribute at Collection Level