



**POWER OF SIMPLICITY**

## **Developer Manual – Cost Centre wise Balance Sheet and P&L (Comparison Report)**

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# Cost Centre wise Balance Sheet and P&L (Comparison Report)

## Scenario

A firm **Global Enterprises** is a constructions firm and treats each of its construction sites as Projects. This firm is uses Tally.ERP 9 needs to view Balance Sheet and Profit and Loss Account comparing each Project which has been maintained as “Cost Centers” in Tally.

## Requirement Statement

The owner should be able to view a report in which he can compare all his projects in balance sheet and profit and loss

## Solution

In order to enable Cost Centre wise Profit & Loss and Balance Sheet, the following steps have to be adhered:

### I. Changes in Tally

- a. We need to open main reports in display mode; hence we would be adding menus for **Balance Sheet** and **Profit & Loss**. Currently we are adding menus in “**Display Menu**”.

```
[#MENU : Display Menu]
```

### II. Requirements for Auto Column Reports

- a. The menus added would hit for a report in a display mode. At report level we require to declare variables (CCName) and repeat the values of these variables.

```
[REPORT : CostCentre PAndL]

USE          : DSP Template
FORM         : CostCentre PL
VARIABLE     : CostCentre, IsPandL, SVCURRENTDATE , CCName
REPEAT       : CostCentre, CCName
SET          : SVToDate : ##SVCURRENTDATE
```

- b. At the form level a button (CCAUTO) is added that will allow us to select “**List of Cost Centers**”, on which the variables of the report will repeat.

```
[FORM : CostCentre PL]

USE      : DSP Template
BUTTON   : CCAuto,Delete Column
```

- c. This button would open a report in edit mode, so we can select the collection “**List of Cost Centre**”. The action of the button should be “**Auto Columns**” to execute report.

```
[BUTTON : CCAuto]

KEY      : Alt+N
ACTION    : AutoColumns : CCRep
TITLE     : "AutoColumn"
```

- d. The form definition of the report opened from button click requires an attribute “**Output**” which would take a field name that would push variable name from current report to parent report.

```
[FORM : CCForm]

PART      : CCPart
OUTPUT     : CCFld2
WIDTH     : 35% Page
HEIGHT    : 25% Page
```

- e. We require a field which would have a table that will help us to select ‘**List of Cost Centers**’.

```
[FIELD : CCFld1]

USE        : Short Name Field
TABLE      : CCRepeatColl
SHOW TABLE : ALWAYS
```

- f. The above field is for displaying the value to the user. Internally we need the variable value to be passed from current report to parent report. Hence we will add an invisible field. This would retrieve the name of the variable from the selected value from the Table.

```
[FIELD : CCFld2]

INVISIBLE  : YES
SET AS     : $$Table:CCFld1:$VarName
SET ALWAYS : YES
SKIP       : YES
```

- g. The table at the field level is a collection which requires an object, which will bring variable name and collection name.

```
[COLLECTION : CCRepeatColl]

OBJECT : CCName
TITLE  : "Column Details"
FORMAT : $Name, 30
ALIGN  : CENTRE
```

```
[OBJECT : CCName]

Name      : "List Of Cost Centres"
VarName   : "Cost Centre"
CollName  : "CCentre"
```

- h. As these values of the variable needs to be displayed in the parent report, we will make use of **Repeat** attribute at Line level that would take a field name.

```
[LINE : CCPandLTitle2]

FIELDS      : SICCTitle1, SICCTitle2, SICTotalTit
REPEAT      : SICCTitle2
BORDER      : Column Titles
```

## TDL Capabilities Used

- Display Report Level made use of attributes **Variable** and **Repeat**
- Display Form Level made use of attribute **Button**
- Button made use of action '**AutoColumns**' that targets for a report
- Form that opens from the button click, '**Output**' attribute is required that expects a field name that would give a name of a variable.
- Invisible fields that would capture the Variable name and Collection Name.
- Display Fields should be repeated at Line Level