What Are Essbase Restricted Characters/Keywords Within COA Segment/Values and What Will Be Impacted Areas? (Doc ID 1666824.1)

In this Document

   Goal

   Solution

   References

APPLIES TO:

Oracle Fusion General Ledger - Version 11.1.7.0.0 and later
Oracle Fusion General Ledger Cloud Service - Version 11.1.7.0.0 and later
Information in this document applies to any platform.

GOAL

Some GL programs that update the GL cube are reporting errors related to reserved words. You want to know the impact of using special characters in
the Chart of Accounts (CoA) value set values and descriptions and what will be impacted areas.

SOLUTION

Fusion applications introduce Real time reporting using Essbase Cubes.
There are certain characters that are considered restricted in Essbase and that imposes a limitation on the values that can be used in the value sets of the CoA.
This limitation is coming from Essbase not from core Fusion Application base tables.
The Chart of Accounts Segment Value Set Values are stored in a Dimension Member Name in Essbase Cubes.
The following is the list of characters that are restricted and can not be used in dimension, member, or alias names.

In addition, please follow the guidelines mentioned at :
http://docs.oracle.com/cd/E51367_01/financialsop_gs/FAIGL/F1489230AN193E8.htm#F894493AN1A7E0

Character	Meaning
@	at sign
\	backslash
,	comma
-	dash,hyphen,or minus sign
=	equal sign
<	less than sign
( )	parentheses
.	period
+	plus sign

'	single quotation mark
_	underscore
|	vertical bar

There are Reserved Words in Essbase cube and cannot be used as segment values. Below are the complete list of reserved words in Essbase cube and these needs to be avoided.

"ALL", "AND", "ASSIGN", "AVERAGE", "CALC", "CALCMBR", "COPYFORWARD", "CROSSDIM", "CURMBRNAME", "DIM", "DIMNAME", "DIV", "DYNAMIC", "EMPTYPARM", "EQ", "EQOP", "EXCEPT", "EXP", "EXPERROR", "FLOAT","FUNCTION", "GE", "GEN", "GENRANGE", "GROUP", "GT", "ID", "IDERROR","INTEGER", "LE", "LEVELRANGE", "LOOPBLOCK", "LOOPPARMS", "LT", "MBR","MBRNAME", "MBRONLY", "MINUS", "MISSING", "MUL", "MULOP", "NE","NON", "NONINPUT", "NOT", "OR", "PAREN", "PARENPARM", "PERCENT","PLUS", "RELOP", "SET", "SKIPBOTH", "SKIPMISSING", "SKIPNONE","SKIPZERO", "TO", "TOLOCALRATE", "TRAILMISSING", "TRAILSUM","UMINUS", "UPPER", "VARORXMBR", "XMBRONLY", "$$$UNIVERSE$$$","#MISSING", "#MI" .

Using Essbase restricted characters/keywords within COA segment/values will impact areas like:

- Cube creation program fails with errors like Essbase Error(1054067)
- Dimension maintenance programs might fail
- Import Segment Values and Hierarchies program reports error: 'Value cannot be a reserved word'
- It will affect GL UIs that leverage MDX queries/calc formulas like :
  Accounts Monitor (GAM Dashboard) UI
  Inquire and Analyze balances UI
  Detailed Balances UI etc.
  Multiple reporting capabilities from SV/FR

In release 11 the Rapid Implementation Spreadsheet will include validation to identify the restricted characters for the Essbase cube while setting up the data.

REFERENCES

http://docs.oracle.com/cd/E51367_01/financialsop_gs/FAIGL/F1489230AN193E8.htm#F894493AN1A7E0
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