Quick Reference Card – BEx-Analyzer Adding & Using Variables



Process: Variables are used to restrict the amount of data displayed in the initial report. It is recommended to use a time variable in every query, if available, and it should generally be a mandatory/required variable. Examples include, Academic Year, Academic Session, Fiscal Year/Period, Validity Date, etc.

Variables help minimize the amount of information returned by the query. The less information returned from the query, generally the faster it can be transferred to the end user.

Role: Authorized Users

Frequency: When needed





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Adding Variables

 In the Details section: Variables Represents lists if the variable is a single value, selection option, or interval Variable Entry Is lists if the variable is mandatory (required) or optional 	SAP BW Variables Editor General Information Type of Variable Onaracteristic Value Variable Name OL_FYPER Description Recal Period/Year (Required) Processing by User Entry / Default Value Characteristic Characteristic Recal year/period variable Represents Interval On the changed in query navigation Copy Personalization Data from the Variable: Default Value O07/2007 G Default Value O07/2007 G OK Cancel
 Drag and drop the variable on top of the object to which it belongs 	Fiscal Period/Year (Int & FSPER& Grants/Fiscal Vear/Reid (Var (Re & 0)_FPER& Fiscal Period/Year (Re & 0)_FPER& Fiscal Year/Period (For & PFER)& Fiscal Year/Period (Ext & P_FPER)& Fiscal Ye
 The variable will be displayed below the characteristic object 	Budget Type OPU BUDTYPE In Fiscal year/period OFISCPER Im Fiscal Period/Year 0I_FY_OP Im FCTR Evo line OFUNDS_CTR_ZFM_EXP Im FCTR Rev line OFUNDS_CTR_ZFM_INC
To place a variable on the characteristic after the characteristic has been placed in the Rows , Columns , or Free Characteristics frames:	Value type in FM 0FM_VTYP © Grant 0GFM_VTYP © Commt /Actual beai 0FM_TACTUA © Commt /Actual beai 0FM_TACTUA © Commt /Actual beai 0FM_TACTUA © Commt /Actual beai 0FM_TACTUAL © Fiscal Year/Peind (Exp PFER2 © Fiscal Year/Peind (Exp PFER1 © Fiscal
 Move the characteristic object to the desired frame 	
 Right-click on it and select Restrict 	Crimer Context Contex

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Adding Variables

 Click on the Variables tab in the Selection For window 	Selection for Fiscal year/period Selection Single Values From Hierarch Exced Values Variables Description June 2005 July 2006
 Turn on Technical Names by right-clicking on one of the values and selecting Technical Names 	Fiscal Period/Year Fiscal year/Period Fiscal year/Period Fiscal year/Feriod Fiscal year/Period Fiscal Period/Year F
 Check the type of variable by right-clicking on it and selecting Change 	Fiscal Period/Year OL_FY_OP Fiscal Period/Year OL_FY_OP Fiscal Period/Year (Re OP_FPER Fiscal Year/Period (Eu P_F New Variable Change Variable O
 In the Details section: Variables Represents lists if the variable is a single value, selection option, or interval Variable Entry Is lists if the variable is mandatory (required) or optional 	Characteristic Characteristic Fiscal year/period Details Variable Represents Single Value Variable entry is Mandatory Ready for Input Can be changed in query navigation Copy Personalization Data from the Variable:
 Select the Variable in one of three ways: Double-click on variable Single-click on variable, and then click Add Drag and drop variable into the Selection screen 	Selection for Fiscal year/period



Adding Variables

• Click OK	Selection for Fiscal year/period Selection Single Values From Herarchy Fist Int Field From Herarchy Fist Int Field From Herarchy Fistal From Herarchy Fist
 The variable will be displayed below the characteristic object 	C_TT DA DOC_DOC_TYP Document type OAC_DOC_TYP Commts/actuals trans. OFM_TRANSAC OFM_TRANSAC AMOUNT type OPU BUDTYPE M Budget Type OPU BUDTYPE M Fiscal year/period OFISCPER Fiscal year/period OFISCPER Fiscal year/period OFISCPER Fiscal year/period OFUNDS_CTR_ZFM_INC A Recurrent type OPU DUCTYPE PUBLIC COMMENT Fiscal year/period OFUNDS_CTR_ZFM_INC A Recurrent type OPU DUCTYPE OFUNDS_CTR_ZFM_INC A Recurrent type OPU DUCTYPE OFUNDS_CTR_ZFM_INC A Recurrent type OPU DUCTYPE OFUNDS_CTR_ZFM_INC
Using Variables	
Notes:	

- A time characteristic should be included in every query, if available, and should generally be a mandatory/required variable, such as Fiscal Year/Period, Academic Year, Academic Session, etc.
- Group mandatory/required variables at the top of the variable screen in Query Properties
- Group similar variables together