## Wesleyan University Student/Faculty Information System

PeopleSoft Query Reference

PeopleSoft Campus Solutions 9.0/9.2 Query 8.54/8.55

### **POINT-IN-TIME (HISTORICAL) QUERY**

In this document we will see how to build a report to retrieve data as if the date were some point in time in the past.

 Create a query using a record that contains an Effective Date. As with any Effective Dated record being added to a query, the following information message will appear. Click OK.

Message	٦
An effective date criteria has been automatically added for this effective dated record. (139,60)	

2. Navigate to the **Criteria** tab. On the EFFDT – Effective Date row, click on Edit.

Records Que	ery Expressions	Prompts F	ields Criteria	Having	Dependency	Transformations	View SQL	Run
Query N	ame New Unsaved	Query		Des	cription			S Feed 🗸
Add Criteri	a Group Cr	iteria						
Criteria				Personali	ze   Find   💷	🖪 🔰 First 🕚 1	of 1 🕑 Last	
Logical	Expression1	Condition Type	Expression	on 2	Edit	Delete		
•	A.EFFDT - Effective D	Date	Eff Date <=	Current [	Date	Edit		
Save	Save As New Qu	iery Prefer	ences Prope	erties	Publish as Feed	Publish as Piv	vot Grid	New Union
Return 1	ō Search							

3. The Edit Criteria Properties page opens.

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	Expression 1					
туре	Choose Record and Field					
Field	Record Alias.Fieldname					
Expression	A.EFFDT - Effective Date					
ype						
C Field						
Expression						
Constant						
Current Date						

- Note that the \*Condition Type is at the default of Eff Date <=. (That is, this automatically created criterion has a condition that the Effective Date is less than or equal to the Current Date.)
  - a. Under Choose Expression 2 Type, click on the button for Constant. A new box,
     Expression 2 Define Constant, will open to the right.

Choose Expression 1	Expression 1					
Туре	Choose Record and Field					
Field	Record Alias.Fieldname					
Expression	Q A.EFFDT - Effective Date					
*Condition Ty Choose Expression 2	pe Eff Date <= v Expression 2					
Туре	Define Constant					
<ul> <li>Field</li> <li>Expression</li> </ul>	*Date					
Constant Current Date						

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b. Input the date you want in the \*Date box under Expression 2 – Define Constant.
 For example, to create a report to retrieve rows for dates on or before July 1, 2016, your criteria editor would appear as follows:

Choose Expression 1	Expression 1					
туре	Choose Record and Field					
Field	Record Alias.Fieldname					
Expression	Q A.EFFDT - Effective Date					
*Condition Ty	ne Eff Date <= v					
*Condition Type Choose Expression 2	pe Eff Date <= v Expression 2					
*Condition Ty Choose Expression 2 Type	pe Eff Date <=   Expression 2 Define Constant					
*Condition Typ Choose Expression 2 Type Field	pe Eff Date <=   Expression 2  Define Constant  Total Date Date D7/01/2016					
*Condition Ty Choose Expression 2 Type Field Expression	pe Eff Date <=					
*Condition Ty <sub>1</sub> Choose Expression 2 Type Field Expression © Constant	pe Eff Date <=					

- 5. Click **OK**.
- 6. The **Criteria** page will open showing that the criterion is now looking only for rows less than or equal to July 1, 2016.

Records Que	ery Expr	essions	Prompts	Fields	Criteria	Having	Dependency	Transformations	View SQL	Run
Query N	lame New	Unsaved	Query			Desc	ription		(	🔊 Feed 👻
Add Criteria	a	Group Cr	riteria							
Criteria						Personaliz	e   Find   🗖	📕 🛛 First 🕚 1	of 1 🕑 Last	
Logical Expression1			Condition Type		Expressio	n 2	Edit	Delete		
•	A.EFFDT -	Effective [	Date	Eff Dat	e <=	2016-07-0	01	Edit		
Save	Save As	New Qu	uery Pr	eferences	Propert	ies F	Publish as Feed	Publish as Piv	ot Grid	New Unior
Return T	o Search									