PeopleSoft Query Reference   PeopleSoft 9.0; Query 8.52

Query – Using *In List* Criteria with a Prompt

The following is an illustration of how to use *In List* criteria with a prompt. In normal use, the *In List* Condition Type finds fields having a value that matches any one of the values in a list of values. With this option, you are prompted to create a list with an **Edit List** dialog box.

By combining the *In List* process with the use of **Prompts**, you can filter for a varied number of choices.

- In this example, the table being used is the **Term Definition Table, TERM_TBL**. The field is **Term, STRM**.
- Instead of hard coding into **Criteria** a list of **Terms**, you can prompt for any number of **Terms**.
- In addition, when you run the query, if you choose to input selections for fewer than the total number of prompts, you can do so.
- If you have access to the **TERM_TBL**, you can review the query which is in the TRAINING folder.
    - The query to review is named **WES_SFIS_TRAIN_INLIST_PRMPT**.
    - You can *make a copy of the query* to work through the steps yourself. Do not use the existing query.
    - You may wish to review how Prompts work in **Query** before proceeding by studying the **Introduction to PS Query Instruction Part II, Lesson 9, Adding Runtime Prompts**.

Procedure

1. *Begin by creating the first Prompt.* On the **Fields** page, click on the **Add Criteria (Funnel with plus)** next to the field on which you want to set up the **In List Prompt** (in this case, **STRM**).
2. The **Edit Criteria Properties** page opens.
3. Under the **Choose Expression 2 Type** section select **Prompt**.

4. Under **Expression 2 – Define Prompt** choose the link **New Prompt**.
5. The **Edit Prompt Properties** page opens.

    a. Change the **Heading Type** to **Text**.

    b. Change the **Heading Text** to **Enter 1st Term**.

    c. Change the **Edit Type** to **No Table Edit**.

    d. Under **Prompt Table**, remove **TERM_VAL_TBL** so that it is blank. Do so by clicking on the magnifying glass, and clicking the **No Value** button on the next screen.

6. The **Edit Prompt Properties** page will now appear as follows:

7. Click the **OK** button.
8. The **Edit Criteria Properties** page opens again. You will notice that under **Expression 2 - Define Prompt**, a new **Prompt** has been created identified as *:1*

9. *You will now create the second Prompt.* Under **Expression 2 – Define Prompt**, choose **New Prompt**.
10. The **Edit Prompt Properties** page opens.

a. Change the **Heading Type** to **Text**.
b. Change the **Heading Text** to **Enter 2nd Term**.
c. Change the **Edit Type** to **No Table Edit**.
d. Under **Prompt Table**, remove **TERM_VAL_TBL** so that it is blank. Do so by clicking on the magnifying glass, and clicking the **No Value** button on the next screen.
e. Click **OK**.

11. When the **Edit Criteria Properties** page opens again, you will notice that under **Expression 2 - Define Prompt**, a new **Prompt** named **:2** has been created. This **Prompt** is the second in the list of prompts.

12. Repeat steps 9 through 11 until you've created the number of prompts you want in your list.

a. For this example, a total of three Prompts were created, and the last iteration of the **Edit Prompt Properties** page looks like this (**Enter 3rd Term**):

13. After having created the third Prompt, the **Edit Criteria Properties** page should look like this:

14. On the **Edit Criteria Properties** page, change the **Condition Type** from **equal to** to **in list**.

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15. In the **Expression 2 – Edit List** box, click on the Magnifying Glass.

16. The **Edit List** page opens. Click on the **Add Prompt** link.

17. The **Select a Prompt** page opens. Select the first prompt that was set up (**Enter 1st Term**).

18. You are returned to the **Edit List** page.

19. It now reads **List Members** at the top, and shows the prompt of **:1**.

20. Click on the **Add Prompt** link again.

Select a Prompt

Select a Prompt	Personalize | Find | 🖾 | 🏢	First ◀ 1-3 of 3 ▶ Last
:1 = STRM - Enter 1st Term		
:2 = STRM - Enter 2nd Term		
:3 = STRM - Enter 3rd Term		

[Cancel]

21. The **Select a Prompt** page opens again. Select the second prompt (**Enter 2nd Term**).

22. When returned to the **Edit List** page, you'll see that the first two prompts are now listed.

Edit List

List Members	Personalize | Find | 🖾 🏢	First ◀ 1-2 of 2 ▶ Last
☐	:1	
☐	:2	

Value: [   ] [Add Value] [Search]   [Delete Checked Values]

Add Prompt

[OK] [Cancel]

23. Repeat steps 16 and 17 until all of the prompts have been added to the list. The **Edit List** page for the three prompts in this example now appears as follows.

Edit List

List Members	Personalize | Find | 🖾 🏢	First ◀ 1-3 of 3 ▶ Last
☐	:1	
☐	:2	
☐	:3	

Value: [   ] [Add Value] [Search]   [Delete Checked Values]

Add Prompt

[OK] [Cancel]

24. Click **OK**. The **Edit Criteria Properties** page opens and should resemble this:

Edit Criteria Properties

Choose Expression 1 Type	Expression 1
○ Field	**Choose Record and Field**
○ Expression	Record Alias.Fieldname:
	🔍 A.STRM - Term

*Condition Type: [in list   ▼]

Choose Expression 2 Type	Expression 2
● In List	**Edit List**
○ Subquery	List Members: (:1,:2,:3) 🔍

[OK]   [Cancel]

25. Click **OK** on the **Edit Criteria Properties** page.
26. Run your query. You can enter a Term in all three of the prompt boxes or in just one or two.