

## 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\_PRMP**T.
  - 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**.

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PeopleSoft Query Reference

PeopleSoft 9.0; Query 8.52

## Edit Criteria Properties

The screenshot shows the 'Edit Criteria Properties' dialog box. It is divided into two main sections: 'Expression 1' and 'Expression 2'.  
- **Expression 1:** Under 'Choose Expression 1 Type', 'Field' is selected. The 'Choose Record and Field' panel shows 'Record Alias.Fieldname:' with 'A.STRM - Term' selected.  
- **Expression 2:** Under 'Choose Expression 2 Type', 'Prompt' is selected and circled in red. The 'Define Prompt' panel shows 'Prompt:' with 'New Prompt' and 'Edit Prompt' links circled in red.  
- **Condition Type:** A dropdown menu shows 'equal to'.  
- **Buttons:** 'OK' and 'Cancel' buttons are at the bottom.

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

The screenshot shows the 'Edit Prompt Properties' dialog box. Fields are as follows:  
- **Field Name:** STRM  
- **\*Type:** Character  
- **\*Format:** Number Only  
- **Length:** 4  
- **Decimals:** (empty)  
- **\*Edit Type:** Prompt Table (circled in red)  
- **\*Heading Type:** RFT Short (circled in red)  
- **Heading Text:** Term (circled in red)  
- **\*Unique Prompt Name:** BIND1  
- **Prompt Table:** TERM\_VAL\_TBL (circled in red)  
- **Buttons:** 'OK' and 'Cancel' buttons are at the bottom.

- 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:

**Edit Prompt Properties**

Field Name:  \*Heading Type:

\*Type:  Heading Text:

\*Format:  \*Unique Prompt Name:

Length:  Decimals:

\*Edit Type:  Prompt Table:

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**

**Edit Criteria Properties**

**Choose Expression 1 Type**

Field  
 Expression

**Expression 1**

**Choose Record and Field**

Record Alias.Fieldname:

\*Condition Type:

**Choose Expression 2 Type**

Field  
 Expression  
 Constant  
 Prompt  
 Subquery

**Expression 2**

**Define Prompt**

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

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**Edit Prompt Properties**

Field Name: STRM

\*Heading Type: RFT Short

\*Type: Character

Heading Text: Term

\*Format: Number Only

\*Unique Prompt Name: BIND2

Length: 4

Decimals:

\*Edit Type: Prompt Table

Prompt Table: TERM\_VAL\_TBL

OK Cancel

- Change the **Heading Type** to **Text**.
  - Change the **Heading Text** to **Enter 2nd Term**.
  - Change the **Edit Type** to **No Table Edit**.
  - 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.
  - 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.

**Edit Criteria Properties**

Choose Expression 1 Type

Field

Expression

Expression 1

Choose Record and Field

Record Alias.Fieldname: A.STRM - Term

\*Condition Type: equal to

Choose Expression 2 Type

Field

Expression

Constant

Prompt

Subquery

Define Prompt

Prompt: :2

New Prompt Edit Prompt

OK Cancel

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

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- 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**):

**Edit Prompt Properties**

Field Name:

\*Type:

\*Format:

Length:

Decimals:

\*Edit Type:

\*Heading Type:

Heading Text:

\*Unique Prompt Name:

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

**Edit Criteria Properties**

Choose Expression 1 Type:  Field  Expression

Expression 1: Choose Record and Field  
Record Alias.Fieldname:

\*Condition Type:

Choose Expression 2 Type:  Field  Expression  Constant  Prompt  Subquery

Expression 2: Define Prompt  
Prompt: :3

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

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## Edit Criteria Properties

Choose Expression 1 Type  
 Field  
 Expression

Expression 1  
Choose Record and Field  
Record Alias.Fieldname:  
A.STRM - Term

\*Condition Type: in list

Choose Expression 2 Type  
 In List  
 Subquery

Expression 2  
Edit List  
List Members:

OK Cancel

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.

## Edit List

No values have been added yet.

Value:

[Add Prompt](#)

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

## 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](#)

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

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

## Edit List

List Members

Personalize Find First 1 of 1 Last

:1

Value:

[Add Prompt](#)

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

### Select a Prompt

Select a Prompt		Personalize	Find	First	1-3 of 3	Last
<input type="checkbox"/>	:1 = STRM - Enter 1st Term					
<input type="checkbox"/>	:2 = STRM - Enter 2nd Term					
<input type="checkbox"/>	: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
<input type="checkbox"/>	:1					
<input type="checkbox"/>	: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
<input type="checkbox"/>	:1					
<input type="checkbox"/>	:2					
<input type="checkbox"/>	: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:

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**Edit Criteria Properties**

<b>Choose Expression 1 Type</b> <input checked="" type="radio"/> Field <input type="radio"/> Expression	<b>Expression 1</b> <b>Choose Record and Field</b> Record Alias.Fieldname: A.STRM - Term
*Condition Type: in list	
<b>Choose Expression 2 Type</b> <input checked="" type="radio"/> In List <input type="radio"/> Subquery	<b>Expression 2</b> <b>Edit List</b> 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.

