



All or Any Selected Prompt

This document describes how to create a predefined condition object which will allow the user to select from a list of values or automatically select all values in the list.

The users need a prompt which allows them to:

- A) Select one project from the list of values; or
- B) Select multiple projects from the list of values, or
- C) Enter a “%” sign and have all projects in the list selected automatically.

In addition, there is a limitation in many databases (Oracle, SQL Server) that the IN operator will only allow 250 values in the list. This solution also resolves this problem.

Assume the data contains a PROJECT table with 15000 distinct projects. The project number is stored in the PROJECT_NUMBER field. An object is created in the universe under the General Info class called Project Number. It would contain the following definition:

PROJECT.PROJECT_NUMBER in @Prompt('Select Project or % for All:','A','General Info\Project Number',multi,free) OR '%' in @Prompt('Select Project or % for All:','A','General Info\Project Number',multi,free)

When this object is used in a query, the following prompt box will appear. The user may select one or more projects via the List of Values; or they may type in a % sign. Use of the % sign will essentially void out the prompt condition and return all projects.

Enter or Select Values

Select Project or % for All:

00100015;00100018;00100022

OK
Cancel
Help
Values...

User can select one or multiple project numbers from the List of Values.

Enter or Select Values

Select Project or % for All:

%

OK
Cancel
Help
Values...

Or, Users can enter a % to have all projects included.

This technique is especially useful if you have several prompt conditions on one report. The users can determine the specific data intersections for which they are interested.