None

Introduction

➢ Value set is primarily a container for your values

➢ You define your value set such that it can control the types of values that are allowed into the value set

➢ You can specify the format of your values

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Types of Value Set

- Character
- Number
- Time
- Standard Date, Standard Date Time
- Date, Date Time

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Value Set Validation Types

- ➤ NONE - Validation is minimal
- ➤ INDEPENDENT - Input must exist on previously defined list of values.
- ➤ TABLE- Input is checked against values in an application table
- ➤ DEPENDENT - Input is checked against a subset of values based on a prior value
- ➤ SPECIAL - Value set uses a flexfield itself

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Value Set Validation Types

➢ PAIR - Two flexfields together specify a range of valid values

➢ Translatable Independent - Input must exist on previously defined list of values; translated value can be used.

➢ Translatable Dependent -Input is checked against a subset of values based on a prior value; translated value can be used.

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Validation Type - None

➢ **None**
  – Use 'NONE' value set when you want to allow users to enter any value as long as the value set meets the boundary conditions. (For example, data type and length.)
  – When the actual values to be input cannot be anticipated in advance

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Validation Type - Independent

➤ **Independant**

– An independent value set provides a pre defined list of values for a segment.

– User selects these values from a pop-up list.

– Values are defined using oracle applications form, using 'define segments values form'.
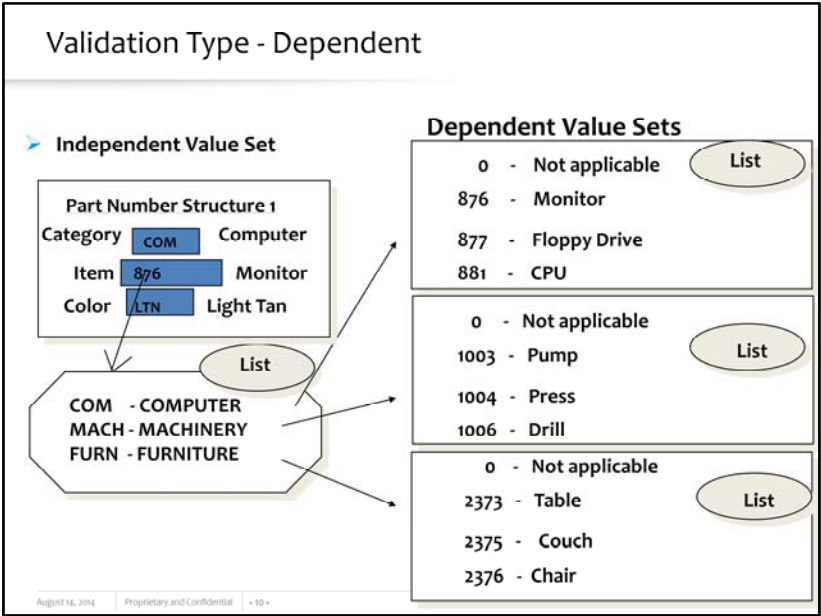
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Validation Type - Dependent

➢ **Dependant**

- A dependent value set is similar to an independent value set, except that the available values in the lov depend on which independent value was selected in a prior segment of the flexfield structure.
- You can think of a dependent value set as a collection of little values in the corresponding independent value set.
- The segment or parameter using the dependent value set must appear after the segment or parameter using the independent value set

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Validation Type - Dependent

➢ **Independent Value Set**

Part Number Structure 1

Category [COM] Computer
Item [876] Monitor
Color [LTN] Light Tan

List

COM - COMPUTER
MACH - MACHINERY
FURN - FURNITURE

Dependent Value Sets

0	-	Not applicable	List
876	-	Monitor	
877	-	Floppy Drive	
881	-	CPU	

0	-	Not applicable	List
1003	-	Pump	
1004	-	Press	
1006	-	Drill	

0	-	Not applicable	List
2373	-	Table	
2375	-	Couch	
2376	-	Chair	

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Validation Type - Dependent

➢ **Dependant**

- A table validated value set provides a pre defined list of values like an independent set, but the values are taken from an application table.
- You can specify selection criteria in the form of an sql where clause if you need to restrict the values for some reason.
- Table-validated value sets are very useful when the set of approved values is very large, changes frequently, and is maintained by the application.

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SEGMENT VALIDATION – Validation Method

➤ **Pair & Special**
   – Special value sets can accept an entire key flexfield as a segment value in a descriptive flexfield or report parameter
   – Pair value sets are a specialized form of special value sets.
     • These allow a mechanism to build a flexfield-within-a-flexfield.
     • These are not generally used for normal flexfield segments.

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Validation Type – Translatable Independent

➤ **Translatable Independant**
  – A Translatable Independent value set is similar to an Independent value set in that it provides a predefined list of values for a segment. Translatable Independent value set can contain display values that are translated into different languages

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Validation Type – Translatable Dependent

➤ **Translatable Dependant**
- A Translatable Dependent value set is similar to a Dependent value set in that the available values in the list and the meaning of a given value depend on which independent value was selected in a prior segment of the flexfield structure.
- Translatable Dependent value set can contain display values that are translated into different languages
  - Note|: Translatable value sets enable you to use hidden values and displayed (translated) values in your value sets. In this way users can see a value in their preferred languages, yet the values will be validated against a hidden value that is not translated.

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Storing Location of Value Set

Type	List of Values Available	Values Stored In
None	No	N/A
Independent	Yes	AOL* Table
Dependent	Yes	AOL* Table
Table	Yes	Application Table
Special/Pair	Depends on value set	Depends on value set
Translatable Independent	Yes	AOL* Table
Translatable Dependent	Yes	AOL* Table

*Application Object Library

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Use of Value Sets

➤ **Some of the scenarios where value-set is used**

- In a concurrent program, we may want users to enter only number between 1 and 100 for a particular parameter.
- In a concurrent program, we may want users to enter only Yes or No for a particular parameter.
- Suppose a concurrent program has two parameters. First parameter is department and second parameter is employee name. On selecting a particular department, we want to show only those employee names which belongs to the selected department.
- In a particular form , we want to show only a designated list of values for selection by a user.
- In case of accounting reports, we may want users to enter a range of values.

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