Introduction to Parameters

Getting started with parameters

pluralsight
see what you can learn

Overview

- Report Parameter Usage
- Report Parameter Properties
- Report Parameter Filters

Report Parameter Usage

- **Input values**
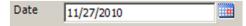 - Filters
  - Query parameters
  - Expressions
- **Prompt types**
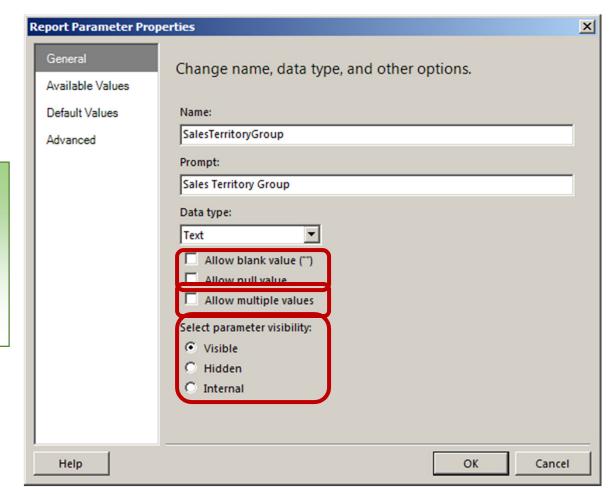 - Drop-down list

Category	Accessories ▾

  - User input

Sales Order Number	SO12345

  - Date selection

Date	11/27/2010 🗓

Report Parameter Properties

Valid data types:
Text
Boolean
Date/Time
Integer
Float

Available Values

- **None**

- **Specify values**

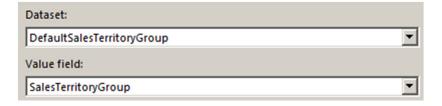| Label		Value		
Europe	*fx*	Europe	▼	*fx*
North America	*fx*	North America	▼	*fx*
Pacific	*fx*	Pacific	▼	*fx*

- **Get values from a query**

Dataset:
SalesTerritoryGroupLookup	▼

Value field:
SalesTerritoryGroup	▼

Label field:
SalesTerritoryGroup	▼

Default Values

- **None**

- **Specify values**

- **Get values from a query**

Report Parameter Filters

Filter

- **Filter expressions**
  - Dataset
  - Data region
  - Group

Filter Operators

This Operator	Performs This Action
=, <>, >, >=, <, <=, Like	Compares expression to value
Top N, Bottom N	Compares expression to Top (Bottom) set of N values (N = integer)
Top %, Bottom %	Compares expression to Top (Bottom) N percent of values (N = integer or float)
Between	Determines whether expression is between two values, inclusive
In	Determines whether expression is found in list of values

Summary

- **Report Parameter Usage**
  - Filters, query parameters, expressions
- **Report Parameter Properties**
  - Data type, single or multi-value, available values, default values
- **Report Parameter Filters**
  - Datasets, data regions, or groups

References

- **Adding Parameters to Your Report**
  - http://msdn.microsoft.com/en-us/library/ms155917(v=SQL.100).aspx