

# Filter Processor

Filter processor is a tool with which you can manipulate and group the database records to filter out those records which meet specific criteria.

All the Filter tabs have the following columns:

- Column – Row numbers
- Name – Field names
- Type – Data Type
- When – Type of Filter Condition
- Condition – Value of filter condition (Dynamic Parameter allowed)

When	Condition	Remarks
Equal / Not Equal More Than / Not More Than Less Than / Not Less Than	<b>Type:</b> Comparable types: String, Numeric, Data, Timestamp  <b>Example :</b> 10  1961-08-26	This condition uses a simple comparison of values, which must both be of comparable types. For example, strings can be compared with strings, but not with dates.
Matches / Not Matches	<b>Type:</b> String  <b>Example:</b> US Mex	This condition allows a regular expression to be used. Use of operators like " " for OR and "&&" for AND relationship. This example will match USA or Mexico strings.
In Range / Not In Range	<b>Type :</b> Numeric, Date, Timestamp with "~" as separator  <b>Example :</b> 1998-01-01~1998-12-31	

When	Condition	Remarks
In DataSet / Not in DataSet	<p><b>Type:</b></p> <p>Matching field type from another datasource</p> <p><b>Example :</b></p> <p>See Remarks</p>	<p>repository:/Sample/DataSource.d s:Field1</p> <p>This retrieves the matching field from another datasource for filtering values.</p>
Null / Not Null	Nothing to enter	Check whether if there is no content. Note that zero value is not considered null.
JavaScript / Not JavaScript	<p>Enter a script condition by specifying the matching type.</p> <p><b>Example :</b></p> <p>Field1==5 Field2=="US Mex" where Field1 is numeric and Field2 is string.</p>	This is useful for enter multiple conditions or complex conditions using standard JavaScript.