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TopValues Property

You can use the **TopValues** property to return a specified number of records or a percentage of records that meet the criteria you specify. For example, you might want to return the top 10 values or the top 25 percent of all values in a field.

NOTE   The **TopValues** property applies only to append, make-table, and select queries.

Setting

The **TopValues** property setting is an **Integer** value representing the exact number of values to return or a number followed by a percent sign (%) representing the percentage of records to return. For example, to return the top 10 values, set the **TopValues** property to 10; to return the top 10 percent of values, set the **TopValues** property to 10%.

You can't set this property in code directly. It's set in SQL view of the Query window by using a TOP *n* or TOP *n* PERCENT clause in the SQL statement.

You can also set the **TopValues** property by using the query's property sheet or the **Top Values** box under **Tools** on the **Design** tab.

NOTE   The **TopValues** property in the query's property sheet and on the **Design** tab is a combo box that contains a list of values and percentage values. You can select one of these values or you can type any valid setting in the box.

Remarks

Typically, you use the **TopValues** property setting together with sorted fields. The field you want to display top values for should be the leftmost field that has the **Sort** box selected in the query design grid. An ascending sort returns the bottommost records, and a descending sort returns the topmost records. If you specify that a specific number of records be returned, all records with values that match the value in the last record are also returned.

For example, suppose a set of employees has the following sales totals.

SALES	SALESPERSON
90,000	Leverling
80,000	Peacock

70,000	Davolio
70,000	King
60,000	Suyama
50,000	Buchanan

If you set the **TopValues** property to 3 with a descending sort on the Sales field, Microsoft Office Access 2007 returns the following four records.

SALES	SALESPERSON
90,000	Leverling
80,000	Peacock
70,000	Davolio
70,000	King

NOTE   To return the topmost or bottommost values without displaying duplicate values, set the **UniqueValues** property in the query's property sheet to Yes.

Example

The following example assigns an SQL string that returns the top 10 most expensive products to the **RecordSource** property for a form that will display the ten most expensive products.

```
Dim strGetSQL As String
strGetSQL = "SELECT TOP 10 Products.[ProductName] " _
    & "AS TenMostExpensiveProducts, " _
    & "Products.UnitPrice " _
    & "FROM Products " _
    & "ORDER BY Products.[UnitPrice] DESC;"
Me.RecordSource = strGetSQL
```