

Access: DMax Function

In Access, the **DMax** function returns the maximum value in a specified set of records (or domain).

The syntax for the **DMax** function is:

DMax (expression, domain, [criteria])

expression is the field that you wish to find the maximum value for.

domain is the set of records. This can be a table or a query name.

criteria is optional. It is the WHERE clause to apply to the *domain*.

For example:

Let's take a look at a simple example:

DMax("UnitPrice", "Order Details", "OrderID = 10248")

In this example, you would return the maximum UnitPrice from the Order Details table where the OrderID is 10248. This is the same as the following SQL statement:

```
SELECT Max([Order Details].UnitPrice) AS MaxOfUnitPrice
FROM [Order Details]
WHERE ((([Order Details].OrderID)=10248));
```

VBA Code

The **DMax** function can be used in VBA code. For example:

```
Dim LMax As Currency
```

```
LMax = DMax("UnitPrice", "Order Details", "OrderID = 10248")
```

In this example, the variable called LMax would now contain the maximum UnitPrice from the Order Details table where the OrderID is 10248.

SQL/Queries

You can also use the **DMax** function in a query.



