

CURRENT DATE & TIME

GETDATE function returns the current date and time.

GETUTCDATE() function return date and time in UTC.

CURRENT_TIMESTAMP function returns the current date and time with the time zone.

Syntax

GETDATE()

GETUTCDATE()

CURRENT_TIMESTAMP



CURRENT DATE & TIME

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CURRENT_TIMESTAMP function returns the current date and time with the time zone.

Syntax

Get date only from getdate function

```
SELECT CONVERT(date, GETDATE()) AS 'Current DATE';  
GO  
DECLARE @MyDate DATE = GETDATE()  
SELECT @MyDate as 'Date_only';  
GO
```

Get time only from getdate function

```
SELECT CONVERT(TIME, GETDATE()) AS 'Current TIME';  
GO  
DECLARE @MyTime TIME = GETDATE()  
SELECT @MyTime as 'Time_only';  
GO
```



DATEDIFF

The DATEDIFF() function returns the difference between two dates.

Syntax

DATEDIFF(interval, date1, date2)

Interval can be day, month or year.



DATEDIFF

The DATEDIFF() function returns the difference between two dates.

Example

```
SELECT DATEDIFF(day,'2014-01-01','2014-04-25' );  
GO
```

```
SELECT order_line, order_date, ship_date,  
       DATEDIFF(day, order_date,ship_date) as time_taken  
FROM sales  
ORDER BY time_taken ASC;  
GO
```

```
SELECT order_line,  
       DATEDIFF(s, order_date, GETUTCDATE())-DATEDIFF(s, ship_date, GETUTCDATE())  
FROM sales;  
GO
```



DATEPART

DATEPART function extracts parts from a date.

Syntax

DATEPART ('unit' from 'date')



DATEPART

DATEPART function extracts parts from a date.

Units

UNIT	Explanation
day, dd, d	Day of the month (1 to 31)
quarter, qq, q	Quarter of year
dayofyear, dy, y	Day of the year from 0 to 365
week, ww, wk	Week
weekday, dw, w	Weekday
hour, hh	hour
Minute, mi, n	minute
Second,ss,s	second



DATEPART

DATEPART function extracts parts from a date.

Examples

```
SELECT DATEPART(day from '2014-04-25');
```

```
SELECT DATEPART(day from '2014-04-25 08:44:21');
```

```
SELECT DATEPART(minute from '08:44:21');
```

