

<!DOCTYPE html>

模块：**C# DbCommand**

时间：**2017-08-10**

编写人：小帅

版本：**V1.0**

DbCommand

Represents an SQL statement or stored procedure to execute against a data source. Provides a base class for database-specific classes that represent commands.

命名空间：System.Data.Common

程序集：System.Data（位于 System.Data.dll）

语法

```
public abstract class DbCommand : Component, IDbCommand, IDisposable
```

属性

CommandTimeout

Gets or sets the wait time before terminating the attempt to execute a command and generating an error.

Connection

Gets or sets the DbConnection used by this DbCommand.

CommandText

Gets or sets the text command to run against the data source.

CommandType

Indicates or specifies how the CommandText property is interpreted.

Parameters

Gets the collection of DbParameter objects.

方法

CreateParameter()

Creates a new instance of a DbParameter object.

```
DbParameter dbParameter = dbCommand.CreateParameter();
```

ExecuteNonQuery()

Executes a SQL statement against a connection object.

```
int i = dbCommand.ExecuteNonQuery();
```

ExecuteScalar()

Executes the query and returns the first column of the first row in the result set returned by the query. All other columns and rows are ignored.

```
object obj = dbCommand.ExecuteScalar();
```

ExecuteReader()

Executes the CommandText against the Connection, and returns an DbDataReader.

```
DbDataReader dbDataReader = dbCommand.ExecuteReader();
```

ExecuteReader(CommandBehavior)

Executes the CommandText against the Connection, and returns an DbDataReader using one of the CommandBehavior values.

例如：返回第一行记录

```
DbDataReader dbDataReader = dbCommand.ExecuteReader(CommandBehavior.SingleRow);
```