

C#备份和恢复SQLServer数据库 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/448/2021_2022_C_23_E5_A4_87_E4_BB_BD_E5_92_c97_448756.htm SQLDMO(SQL

Distributed Management Objects，SQL分布式管理对象)封装了Microsoft SQL Server数据库中的对象。SQLDMO是Microsoft SQL Server中企业管理器所使用的应用程序接口，所以它可以执行很多功能，其中当然也包括对数据库的备份和恢复。

SQLDMO由Microsoft SQL Server自带的SQLDMO.dll提供，由于SQLDMO.dll是一个COM对象（有关COM的概念，请参看我的COM与COM 技术那篇文章），所以大家在用之前必须在.Net项目中添加对它的引用。下面是用C#语言书写的用于Microsoft SQL Server数据库备份和恢复的类：

```
public sealed class DbOper { /// /// DbOper类的构造函数///作者：Shadow /// private DbOper() { } /// /// 数据库备份 /// public static void DbBackup() { SQLDMO.Backup oBackup = new SQLDMO.BackupClass(). SQLDMO.SQLServer oSQLServer = new SQLDMO.SQLServerClass(). try { oSQLServer.LoginSecure = false. oSQLServer.Connect("localhost", "sa", "1234"). oBackup.Action = SQLDMO.SQLDMO_BACKUP_TYPE.SQLDMOBackup_Database. oBackup.Database = "Northwind". oBackup.Files = @"d:\Northwind.bak". oBackup.BackupSetName = "Northwind". oBackup.BackupSetDescription = "数据库备份". oBackup.Initialize = true. oBackup.SQLBackup(oSQLServer). } catch { throw. } finally { oSQLServer.DisConnect(). } } /// /// 数据库恢复 /// public static
```

```
void DbRestore() { SQLDMO.Restore oRestore = new
SQLDMO.RestoreClass(). SQLDMO.SQLServer oSQLServer =
new SQLDMO.SQLServerClass(). try { oSQLServer.LoginSecure =
false. oSQLServer.Connect("localhost", "sa", "1234").
oRestore.Action =
SQLDMO.SQLDMO_RESTORE_TYPE.SQLDMORestore_Datab
ase. oRestore.Database = "Northwind". oRestore.Files =
@"d:\Northwind.bak". oRestore.FileNumber = 1.
oRestore.ReplaceDatabase = true.
oRestore.SQLRestore(oSQLServer). } catch { throw. } finally {
oSQLServer.DisConnect(). } } } 100Test 下载频道开通，各类考
试题目直接下载。详细请访问 www.100test.com
```