

用.NET调用oracle存储过程返回记录集 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/143/2021_2022__E7_94_A8NET_E8_B0_83_c102_143045.htm

oracle的存储过程返回记录集，关键之处是要用游标。关于数据库的游标(cursor)大家肯定都接触不少，我们可以通过OPEN,FETCH,CLOSE操作控制游标进行各种方便的操作，这方面的例子我就不在重复了。我们现在要介绍的是游标变量(cursor variable)。类似游标，游标变量也是指向一个查询结果集的当前行。不同的是，游标变量能为任何类型相似(type-compatible)的查询打开，而并不是绑定到某一个特定的查询。通过游标变量，你可以在数据库的数据提取中获得更多的方便。首先是建立表:

```
CREATE TABLE LIHUAN.BILL_POINTS ( POINTS_ID NUMBER(10,0) NOT NULL, CUSTOMER_ID NUMBER(10,0) NOT NULL, BILL_POINT_NO NUMBER(2,0) DEFAULT 1 NOT NULL, CONSTRAINT PK_BILL_POINTS PRIMARY KEY
```

```
(POINTS_ID) ) / 其次，建PACKAGE CREATE OR REPLACE PACKAGE LIHUAN.YY_PKG_BILL_POINT_NO/*取得用户的所有计费电序号*/ IS TYPE T_CURSOR IS REF CURSOR.
```

```
PROCEDURE BILL_POINT_NO(P_CUSTOMER_ID BILL_POINTS.CUSTOMER_ID%TYPE, Re_CURSOR OUT T_CURSOR). END. / 再次，建PACKAGE BODY CREATE OR REPLACE PACKAGE BODY
```

```
LIHUAN.YY_PKG_BILL_POINT_NO/*取得用户的所有计费电序号*/ IS PROCEDURE BILL_POINT_NO(P_CUSTOMER_ID BILL_POINTS.CUSTOMER_ID%TYPE, Re_CURSOR OUT
```

```

T_CURSOR) IS V_CURSOR T_CURSOR. BEGIN OPEN
V_CURSOR FOR 0select Bill_Point_No from BILL_POINTS
where CUSTOMER_ID =P_CUSTOMER_ID. Re_CURSOR :=
V_CURSOR. END. END. / 最后 , 在.NET中程序调用。 public
DataSet Bill_Point_No(string CUSTOMER_ID)//ok { DataSet
dataset = new DataSet(). Hashtable HT=new Hashtable().
HT.Add("P_CUSTOMER_ID",CUSTOMER_ID).
if(RunProcedure("Re_CURSOR",OracleType.Cursor,ref
dataset,HT,bmsOracleUser
".YY_PKG_BILL_POINT_NO.BILL_POINT_NO",bmsOracleCon
nectionString)) { . } else { dataset=null. } return dataset. } public bool
RunProcedure(string ReturnParameter,OracleType ParamType,ref
DataSet Dataset,Hashtable HT ,string ProcedureName,string
OracleConnection) { System.Data.OracleClient.OracleConnection
dsconnection = new
System.Data.OracleClient.OracleConnection(OracleConnection).
System.Data.OracleClient.OracleCommand dacommand = new
System.Data.OracleClient.OracleCommand(ProcedureName,dskon
nection). dsconnection.Open().
dacommand.CommandType=CommandType.StoredProcedure.
IDictionaryEnumerator Enumerator. Enumerator =
HT.GetEnumerator(). object Value=null. OracleParameter
OracleParam. OracleParam = dacommand.Parameters.Add(new
OracleParameter(ReturnParameter,ParamType)).
OracleParam.Direction = ParameterDirection.Output.
while(Enumerator.MoveNext()) { Value = Enumerator.Value.

```

```
OracleParam=dacommand.Parameters.Add(new  
OracleParameter(Enumerator.Key.ToString(), Value)). }  
OracleDataAdapter ODAAdapter=new  
OracleDataAdapter(dacommand). try { ODAAdapter.Fill(Dataset).  
return true. } catch(System.Exception e) { e.ToString(). return false.  
} finally { HT.Clear(). dacommand.Parameters.Clear().  
dsconnection.Close(). } } 100Test 下载频道开通，各类考试题目  
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```