

Oracle与Access表之间的导入导出实现 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/430/2021_2022_Oracle_E4_B8_8EA_c97_430370.htm 问题的提出：如何在FORM的程序中实现Oracle与Access表之间的导入和导出。问题的解答：准备工作：1.安装OCA。运行Developer的安装盘，选择自定义安装，选择Oracle Open Client Adapter for ODBC安装。2.在数据源(ODBC)中添加DSN。控制面板->管理工具->数据源(ODBC)，选择“用户DSN”，添加要进行操作的Access的文件。在“高级”选项里，填上“登录名称”和“密码”(很重要，在程序中会用到)。下面以实际例子来说明：假设在Oracle中和Access中都有一个student表，表中字段相同(name char(10),age number(2))，在准备工作2中的“数据源名”为test，“登录名称”和“密码”都为user。下面为从Oracle导出到Access的procedure：以下是引用片段：PROCEDURE oracle_to_access IS connection_id EXEC_SQL.ConnType. action_cursor EXEC_SQL.CursType. ignore PLS_INTEGER. t_name student.name%type. t_age student.age%type. cursor temp_cursor is 0select * from student. BEGIN connection_id:= EXEC_SQL.OPEN_CONNECTION(user/user@odbc:test). action_cursor := EXEC_SQL.OPEN_CURSOR(connection_id). EXEC_SQL.PARSE(connection_id, action_cursor,0delete * from student). ignore := EXEC_SQL.EXECUTE(connection_id, action_cursor). EXEC_SQL.CLOSE_CURSOR(connection_id,action_cursor). open temp_cursor. export_count := 0. action_cursor :=

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EXEC_SQL.OPEN_CURSOR(connection_id).
EXEC_SQL.PARSE(connection_id, action_cursor,INSERT INTO
student(name,age) values(:1,:2)). loop fetch temp_cursor into
t_name,t_age. exit when temp_cursor%notfound.
EXEC_SQL.BIND_VARIABLE(connection_id,action_cursor, :1,
t_name).
EXEC_SQL.BIND_VARIABLE(connection_id,action_cursor, :2,
t_age). ignore := EXEC_SQL.EXECUTE(connection_id,
action_cursor). end loop. close temp_cursor.
EXEC_SQL.PARSE(connection_id, action_cursor,commit). ignore
:= EXEC_SQL.EXECUTE(connection_id,action_cursor).
EXEC_SQL.CLOSE_CURSOR(connection_id,action_cursor).
EXEC_SQL.CLOSE_CONNECTION(connection_id).
EXCEPTION WHEN EXEC_SQL.PACKAGE_ERROR THEN IF
EXEC_SQL.LAST_ERROR_CODE(connection_id) != 0 THEN
message(数据导出至ACCESS失败: ||
TO_CHAR(EXEC_SQL.LAST_ERROR_CODE(connection_id))
|| : || EXEC_SQL.LAST_ERROR_MESG(connection_id)). END IF.
IF EXEC_SQL.IS_CONNECTED(connection_id) THEN IF
EXEC_SQL.IS_OPEN(connection_id,action_cursor) THEN
EXEC_SQL.CLOSE_CURSOR(connection_id,action_cursor).
END IF. EXEC_SQL.CLOSE_CONNECTION(connection_id).
END IF. END. 下面为从Access导出到Oracles的procedure :
PROCEDURE Access_to_oracle IS connection_id
EXEC_SQL.ConnType. action_cursor EXEC_SQL.CursType.
ignore PLS_INTEGER. t_name student.name%type. t_age

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student.age%type. BEGIN connection_id :=
EXEC_SQL.OPEN_CONNECTION(user/user@odbc:test).
action_cursor := EXEC_SQL.OPEN_CURSOR(connection_id).
0delete from student. EXEC_SQL.PARSE(connection_id,
action_cursor,0select name,age from student). ignore :=
EXEC_SQL.EXECUTE(connection_id, action_cursor).
exec_sql.define_column(connection_id,action_cursor,1,t_name,10)
. exec_sql.define_column(connection_id,action_cursor,2,t_age).
ignore := EXEC_SQL.EXECUTE(connection_id, action_cursor).
while(exec_sql.fetch_rows(connection_id,action_cursor)>0) loop
exec_sql.column_value(connection_id,action_cursor,1,t_name).
exec_sql.column_value(connection_id,action_cursor,2,t_age).
insert into test(name,age) values(t_name,t_age). end loop. commit.
EXEC_SQL.CLOSE_CURSOR(connection_id,action_cursor).
EXEC_SQL.CLOSE_CONNECTION(connection_id).
EXCEPTION WHEN EXEC_SQL.PACKAGE_ERROR THEN IF
EXEC_SQL.LAST_ERROR_CODE(connection_id) != 0 THEN
message(数据导入至ORACLE失败: ||
TO_CHAR(EXEC_SQL.LAST_ERROR_CODE(connection_id))
|| : || EXEC_SQL.LAST_ERROR_MESG(connection_id)). END IF.
IF EXEC_SQL.IS_CONNECTED(connection_id) THEN IF
EXEC_SQL.IS_OPEN(connection_id,action_cursor) THEN
EXEC_SQL.CLOSE_CURSOR(connection_id,action_cursor).
END IF. EXEC_SQL.CLOSE_CONNECTION(connection_id).
END IF. END. 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
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