

FIREBIRD AND ASP PAGES

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This writing is meant to be a “quick and dirty” guide to ASP (classic, no .NET) and Firebird through the ODBC driver provided by IBPhoenix.

Connecting from classic ASP:

Sample 1 (retrieve data):

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<title>Untitled Document</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>
<body>
<%
on error resume next

dim adoConn
dim adoRS
dim counter

set adoConn = Server.CreateObject("ADODB.Connection")
set adoRS = Server.CreateObject("ADODB.Recordset")
adoConn.ConnectionString = "DRIVER={Firebird/Interbase(r) Driver};
DBNAME=localhost:C:\Programmi\Firebird\Firebird_1_5\examples\EMPLOYEE.FDB; UID=SYSDBA; PWD=masterkey"
adoConn.Open

adoRS.ActiveConnection = adoConn
if adoConn.errors.count = 0 then
response.write "<h2>Fields In The 'Contacts' Table:</h2>"
adoRS.Open "select e.first_name, e.last_name, d.department, p.proj_name from employee e right outer join
department d on e.dept_no = d.dept_no left outer join employee_project ep on e.emp_no = ep.emp_no left outer join project p on
ep.proj_id = p.proj_id", adoConn
nfields = adoRS.fields.count
while not adoRS.EOF
for i = 0 to nfields -1
response.write adoRS.fields(i).name & ": " & adoRS.fields(i).value
& " "
next
response.write "<br>"
adoRS.MoveNext
wend
else
response.write "ERROR: Couldn't connect to database"
end if

adoRS.Close

if adoConn.errors.count = 0 then
response.write "<h2>Second example:</h2>"
adoRS.Open "select count(e.emp_no) as emp_4_proj, d.department, p.proj_name from employee e right outer join
department d on e.dept_no = d.dept_no left outer join employee_project ep on e.emp_no = ep.emp_no left outer join project p on
ep.proj_id = p.proj_id group by d.department, p.proj_name", adoConn
nfields = adoRS.fields.count
while not adoRS.EOF
for i = 0 to nfields -1
response.write adoRS.fields(i).name & ": " & adoRS.fields(i).value
& " "
next
response.write "<br>"
```

```

                                adoRS.MoveNext
                                wend
                                else
                                response.write "ERROR: Couldn't connect to database"
                                end if

                                adoConn.Close
                                Set adoRS = nothing
                                Set adoConn = nothing

                                %>
                                </body>
                                </html>

```

Sample 2 (commit and rollback transactions):

```

...
                                if adoConn.errors.count = 0 then
                                response.write "<h2>First Example:</h2>"
                                'here we begin a transaction
                                adoConn.begintrans
                                'now we add a row to the "country" table
                                adoConn.execute "insert into country values ('Portugal', 'Escudo)"
                                'we commit the transaction, thus saving changes
                                adoConn.CommitTrans
                                'now we start another transaction
                                adoConn.begintrans
                                'here we delete the newly added row
                                adoconn.execute "delete from country where country = 'Portugal'"
                                'this time we rollback the transaction, not saving the changes
                                adoconn.rollbacktrans
                                'this query will show that the commit and rollback sequence has been executed and the row with 'Portugal' and 'Escudo' is present
                                adoRS.Open "select * from country", adoConn
...

```