
Subject: MS SQL+Alerts+FireDAC

Posted by [GrigoryFomin](#) on Sun, 21 May 2023 19:48:54 GMT

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```
procedure TChatForm.btn1Click(Sender: TObject);
begin
qryFireEvents.SQL.Clear;

if qryFireEvents.Connection.ConnectionMetaDatalntf.EventSupported then begin
  qryFireEvents.Connection.ExecSQL('delete from dbo.Test');
  qryFireEvents.Connection.ExecSQL('insert into dbo.Test values (1, "Test1")');

  qryFireEvents.Connection.ExecSQL('delete from dbo.Test2');
  qryFireEvents.Connection.ExecSQL('insert into dbo.Test2 values (1, "Test2")');

end;
end;

procedure TChatForm.ea1Alert(ASender: TFDCustomEventAlerter;
  const AEventName: string; const AArgument: Variant);
var
  i: Integer;
  sArgs: String;
begin
  if VarIsArray(AArgument) then
    begin
      sArgs := "";
      for i := VarArrayLowBound(AArgument, 1) to VarArrayHighBound(AArgument, 1) do
        begin
          if sArgs <> "" then
            sArgs := sArgs + ', ';
          sArgs := sArgs + VarToStr(AArgument[i]);
        end;
    end
  else if VarIsNull(AArgument) then sArgs := '<NULL>'
  else if VarIsEmpty(AArgument) then sArgs := '<UNASSIGNED>'
  else sArgs := VarToStr(AArgument);
  Mem1.Lines.Add('Event - [' + AEventName + '] - [' + sArgs + ']');

end;

procedure TChatForm.FormClose(Sender: TObject; var Action: TCloseAction);
begin
```

```
if not ea1.Active then Exit;  
ea1.Unregister;  
end;  
  
procedure TChatForm.FormCreate(Sender: TObject);  
begin  
if ea1.Active then Exit;  
  
ea1.Names.Clear;  
  
ea1.Names.Add('QUEUE=?');  
ea1.Names.Add('SERVICE=?');  
ea1.Names.Add('CHANGE1=ev1;select id, name from dbo.Test');  
ea1.Names.Add('CHANGE2=ev2;select id, name from dbo.Test2');  
ea1.Options.Synchronize := True;  
ea1.Register;  
end;
```

Project warehouse.exe raised exception class EFDError with message
'[FireDAC][Phys][MSSQL]-326. Cannot perform the action, because the previous action is in progress'.

ODBC 18, MS SQL 2022 Developer
