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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.ConnectionMetaDataIntf.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 EFException with message  
'[FireDAC][Phys][MSSQL]-326. Cannot perform the action, because the previous action is in  
progress'.

ODBC 18, MS SQL 2022 Developer

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