

# Getting Started

---

*Source:*

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.database.ado/2005-06/msg00149.html>

---

- *From:* "Rik Barker" <[rik.barker@xxxxxxxxxxxxxxxx](mailto:rik.barker@xxxxxxxxxxxxxxxx)>
  - *Date:* 15 Jun 2005 04:21:06 -0700
- 

Hi,

I'm trying to get to grips with MS SQL and ADO at the same time. I've got a working method of adding a record to a table with unique constraints and getting back an autonumbered, but it seems decidedly sub-optimal.

I'm pretty sure there'll be a better way than this, can someone point me in the right direction?

```
function TMSSQLImporter.AddLocation(const Location: string): Integer;
var
  SQLCmd: string;
  Qry: TADOQuery;
begin
  Qry:=TADOQuery.Create(nil);
  try
    Qry.Connection:=FConnection;

    SQLCmd:=Format('Insert Into Location (Location) VALUES
("%s")',[Location]);

    try
      FConnection.Execute(SQLCmd);
    except
      //Catch foreign key violations
    end;

    Qry.SQL.Text:=Format('Select LocnCode from Location where
Location="%s"', [Location]);
    Qry.Active:=True;

    if Qry.RecordCount=0 then
      Result:= -1
    else
      begin
        Result:=Qry.FieldName('LocnCode').AsInteger;
      end;
  end;
```

## Getting Started

finally  
Qry.Free;  
end;  
end;

Cheers,  
Rik

---

- *Follow-Ups:*

- ◆ **Re: Getting Started**

- ◇ *From:* Brian Bushay TeamB

- Prev by Date: **MSDE 2000 SP4 no longer usable on Windows 98?**
- Next by Date: **TADOQuery and Date fields problem**
- Previous by thread: **MSDE 2000 SP4 no longer usable on Windows 98?**
- Next by thread: **Re: Getting Started**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**