

# Access 2013 Web Apps

- How to link to the web app from SQL Server and extend the SQL side



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1. Through SMS just like you did with the server info from Access
  - a. Server name
  - b. Authentication (SQL Server Authentication)
  - c. Login (do not need the first part of the server following the Login for this)
  - d. Password
  - e. Select Options
  - f. Connection Properties tab fill in Connect to database



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2. Info about what it looks like from SQL
  - a. Your tables are in the Access schema
    - a. You can select
    - b. You can update if you are connected using ExternalWriter login
  - b. Images if you have them are in a separate table with ?Images
  - c. System tables are in the AccessSystem schema and you cannot update these
  - d. Your queries are under Views in the Access schema
  - e. The ones with GUID type names are unnamed queries used in forms
  - f. The AccessRuntime schema “contains a number of items that we use in Access Services to optimize the runtime behavior of your application”
  - g. Your macros are stored procedures in the Access schema
  - h. You cannot CREATE, ALTER, or DROP tables, views, or stored procedures



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## 3. Extending SQL

### a. Setup a Linked Server

- 1) Go to Server Objects
- 2) Right click on Linked Servers
- 3) Select New Linked Server
- 4) Enter a name for the Linked Server (use no .s a common short name works good)
- 5) Select Other data source
  - a) Provider – SQL Server Native Client 11.0
  - b) Data source (server name)
  - c) Catalog (database name)
- 6) Security tab – select Be made using this security context
  - a) Remote login
  - b) With password
- 7) Click OK



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3. Extending SQL
  - b. Use the Linked Server

```
SELECT * FROM  
[LINKEDSERVER].[DATABASENAME].Access.[TABLENAME]
```

- c. Create Views, Stored Procedures, use mixed data sources, etc



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## Resources

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Book – Professional Access 2013 Programming  
By – Teresa Hennig, Ben Clothier, George Hepworth, Dagi (Doug) Yudowich

