Project

- If you need webspace on zeus see me after class!
  - I may not be in the office Wednesday
  - make an appointment for Wednesday morning if you need to talk

- Don't forget about the Messageboards
  - post MySQL/PHP questions/solutions

- 10 minute presentation / 5 minutes of questions
  - practiced
  - professional
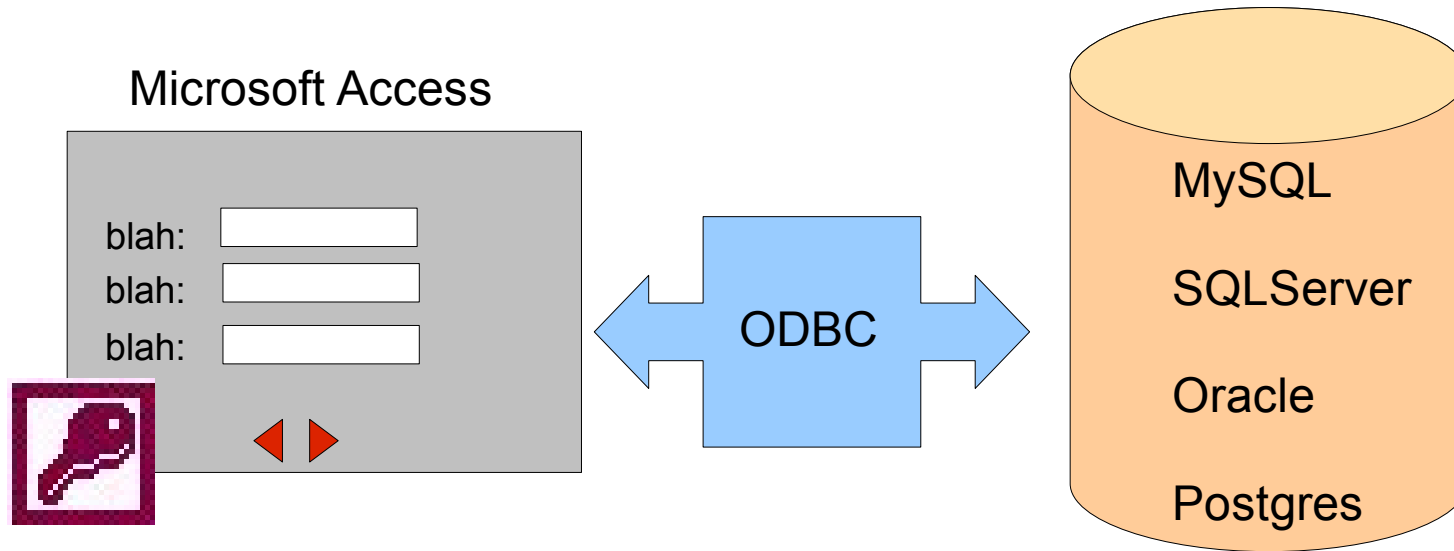 - show a demo of your product

- Questions?

Microsoft Access
MySQL
ODBC

Nov 20, 2007

Microsoft Access

- Small, Desktop database
  - good for small number of users
  - smaller amounts of data / few users
  - small office, Widows-based computers

- Graphical interface
  - table/query design
  - Forms
    - GUI to enter/query/display data

- Can link to other databases
  - provided GUI to MySQL DB
  - ODBC
  - Excel spreadsheets

Access + ODBC + MySQL

Microsoft Access

blah: _____
blah: _____
blah: _____

◄ ►

ODBC ⟷

MySQL

SQLServer

Oracle

Postgres

Open **D**ata**B**ase **C**onnectivity
Standard API to connect to a [remote] DB
Provided by database producer

JDBC: Java Database Connectivity

Today

- Attach Microsoft Access to a MySQL DB

- Work with the query editor

- Build a small form

- Build a Report

- Build a relationship

You will often get a **(Not Responding)** message from Access when you link to remote tables. Be patient. It almost always begins responding quickly.

To Start

Access does not handle binary data in MySQL well
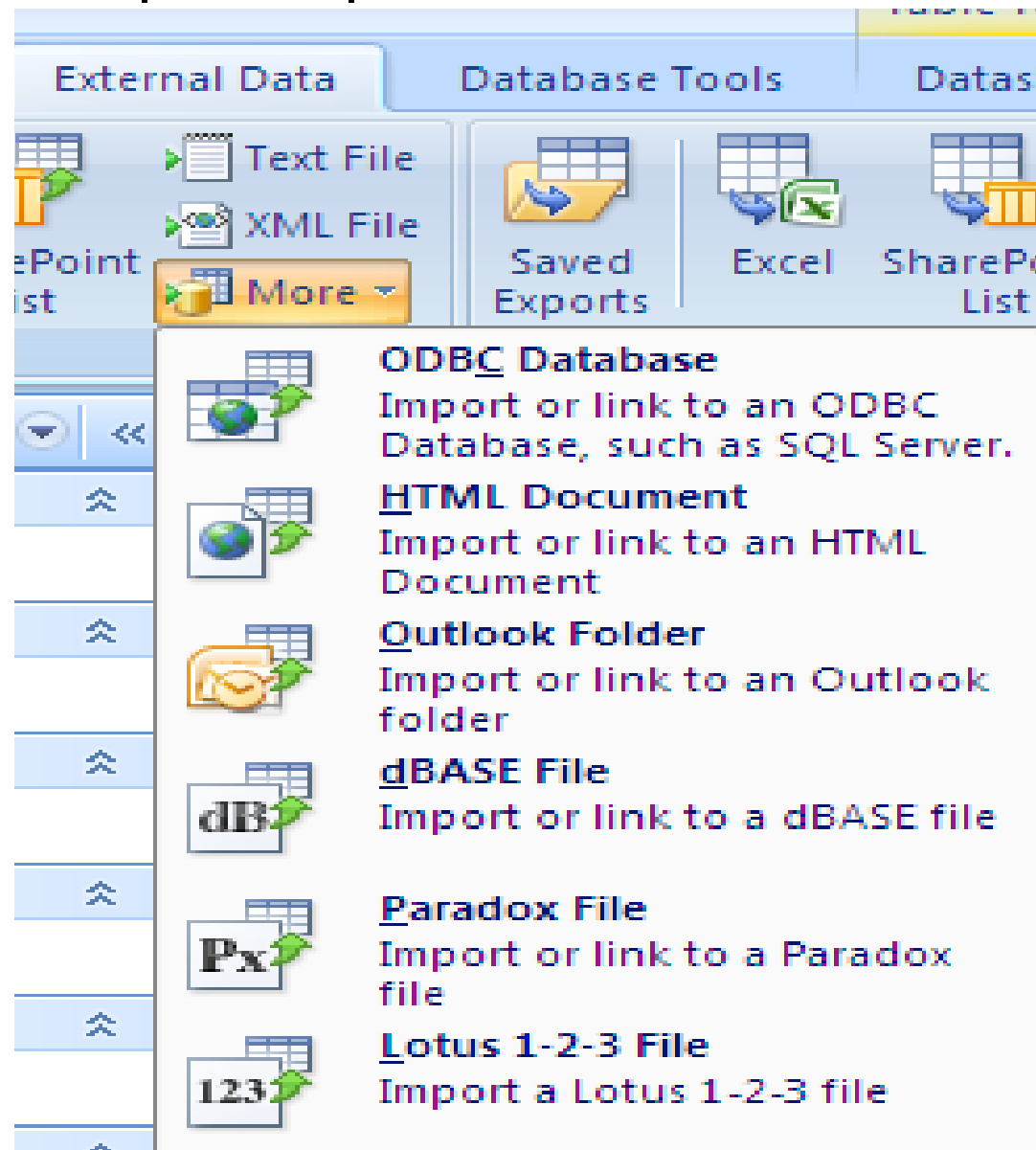
```
mysql> use PUNetID_accessExample;

mysql> source /home/chadd/cs445Data/accessExample.sql

mysql> show tables;

mysql> show create table StudentMajor;
```

Link the tables

- External Data | More | ODBC

Connector/ODBC

MySQL

| Login | Connect Options | Advanced |

User

The username used to connect to MySQL.

Optional	Yes (silently uses default)
Default	ODBC (Windows only - otherwise [empty])

Server: 64.59.233.234

User: PUNetID

Password: *****************

Database: PUNetID_accessExample ▼

You must type this in! The drop down box does not work!

Ok   Cancel   Help