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, Windows-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

Open Database Connectivity
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

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