

JDBC Java database connectivity

Copies ODBC but for Java (some variations)
(Microsoft)

There is even a bridge so can use
ODBC data sources in Java

Connecting...

Need to get driver...

```
DriverManager.registerDriver(  
    new oracle.jdbc.OracleDriver());
```

```
Connection conn =  
    DriverManager.getConnection(connectString, login,  
                                password);
```

```
Statement stmt = conn.createStatement();
```

use
prepareStatement
to pass
variables

```
ResultSet rset = stmt.executeQuery(  
    "select * from EMP");
```

```
rset.next();
```

```
String firstCol = rset.getString(1);
```

```
rset.close();
```

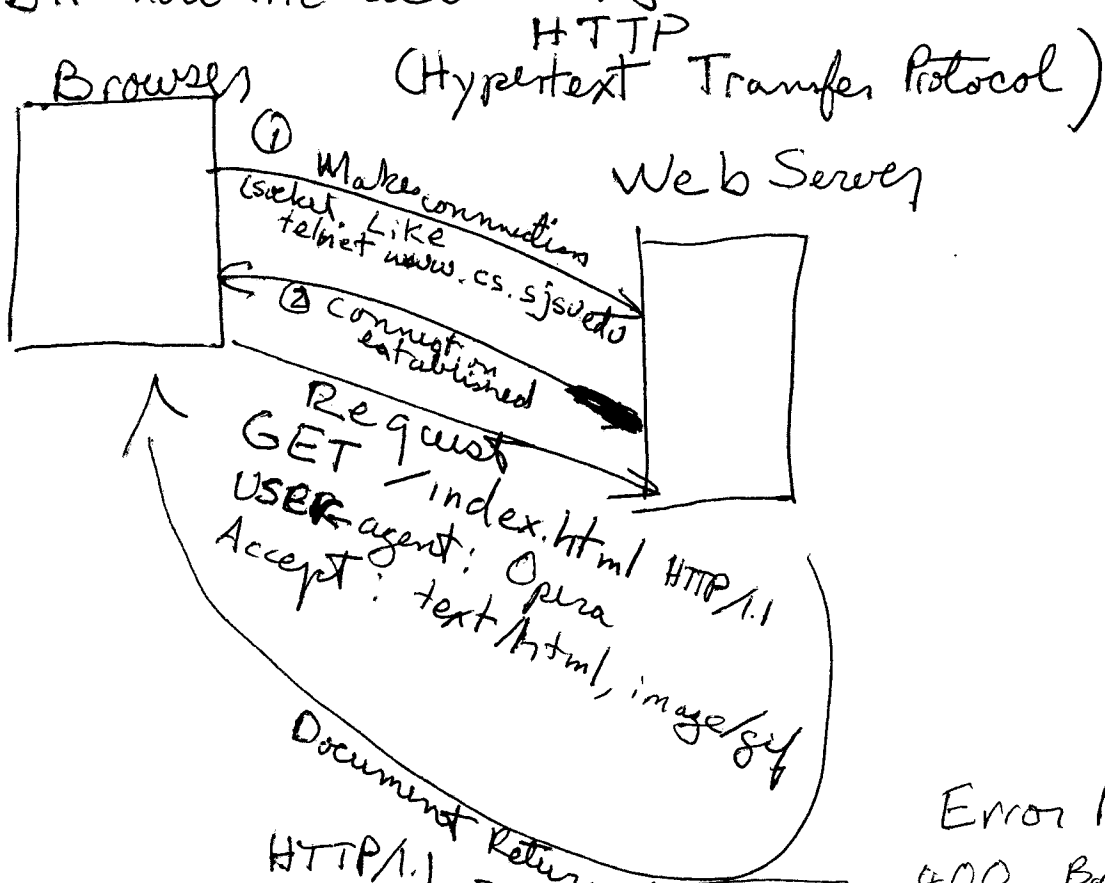
```
conn.close();
```

Internet Applications of DBs

Much of today's business is done over the internet.

So it is important to be able to connect databases to the web.

To do this it is helpful to ~~also~~ know a little bit how the web works



HTTP Returns
Date: Mon ...
Content-Length: 500
Content-Type: text/html
Last-Modified: ...
<html>

Error Msgs
400 Bad request
404 Not Found

SSL - secure socket layer - secure version
Stateless - doesn't remember previous requests

Solution identifier for previous requests as a string after url

http://mynetwork.org/?id=blah

Or
can use cookies.

HTML - hypertext markup language

Basic building blocks are tags

