



ODBC and WWW

A Match made in Heaven

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ODBC and WWW

- Internet ODBC Drivers
- Internet SQL Entry
- Form-Based Applications (HTML)
- Client Applets

Internet ODBC Drivers



- Client Applications use ODBC to access data over the Internet
- ODBC Server provides access to Web Databases

Internet ODBC Drivers

- DataRamp <http://DataRamp.com>
- Intersolv/TechGnosis
<http://www.intersolv.com>
- NobleNet <http://www.noblenet.com>
- OpenPath <http://www.openpath.com>
- InfoNable
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Internet SQL Entry



- SQL Statements entered on HTML Form
- Database results formatted in HTML
- Sample follows on next screen

FirstSQL Test Drive

Start your engine! This is a test drive using the FirstSQL Engine and the program IODBC (a downloadable shareware program). You can enter SQL commands to query a sample database and retrieve formatted results. You can also run example queries or display a table from the sample database.

SQL Examples:

Enter SQL ([SQL Syntax](#)):

SQL Tables:

Previous Results:

```
select count(*) from supplier
-----
              10
(1 rows affected)
```

Form-Based Applications (HTML)

- Applications run on Web Server
- Application reads HTML Form Input and writes HTML output
- High-Level Tools and Programming Languages used for Development

Form-Based Application Tools

- Cold Fusion <http://www.allaire.com>
- WebDBC <http://www.ndev.com>
- dbWeb <http://www.aspectse.com>
(acquired by Microsoft)
- Spider <http://www.w3spider.com>
- Sapphire/Web <http://www.bluestone.com>
- continued ...

Form-Based Application Tools

- WebBuilder <http://www.vpe.com>
- R:WEB <http://www.microrim.com>
- VisualAge
<http://www.software.ibm.com>
- Jive
<http://www.firstsql.com/jive/>
- more on Jive

Jive

Form-Based Scripting Tool

- Available Free on WWW!
- SQL Embedded directly in HTML
- Conditional generation
- Variables, arrays, full expressions
- Automatic Validation of Input
- Full documentation and source available - portable to Win, Unix, Mac
- <http://www.firstsql.com/jive/>

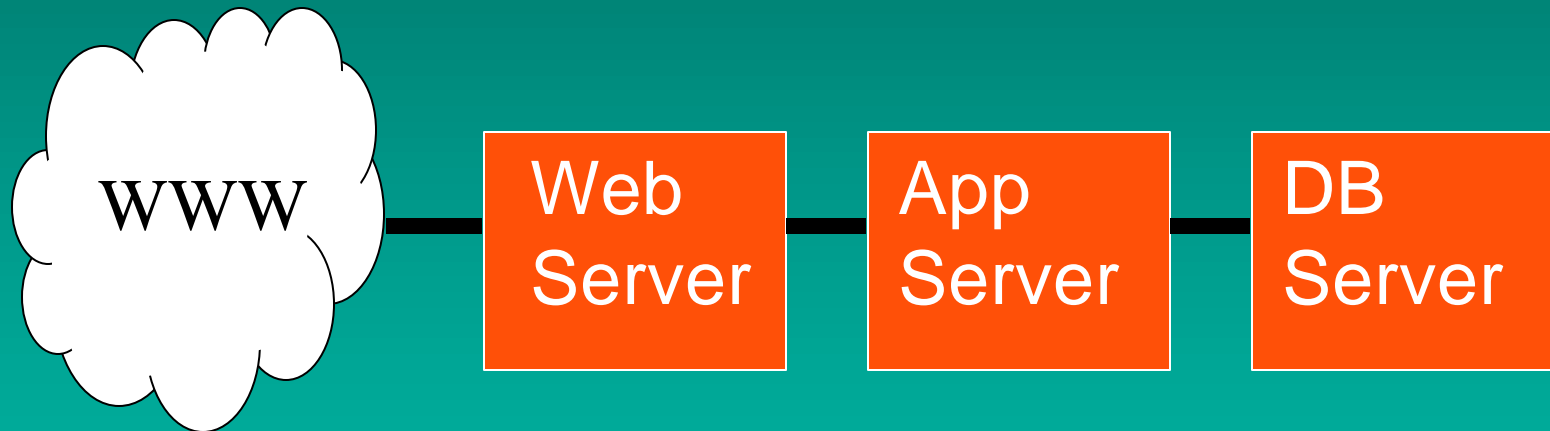
...More Form-Based Application Tools

- WebC <http://www.maxinfo.com>
- SQLweb <http://www.sqlweb.com>
- Tango <http://www.everyware.com>
- JAM/WEB <http://www.jyacc.com>
- Amazon <http://www.ieinc.com>
- Speedware Autobahn
<http://www.speedware.com>

Form-Based Application Languages

- C/C++
- Visual Basic
- Perl (IODBC)

Web Site Configuration



Client Applets

Client-Side Applications

- Applications run on Client
- Dynamic download from Web Server of applet source or object
- Applets invoked through HTML

Client Applets

Client-Side Applications

- Java
JDBC - ODBC Subset for Java
- Blackbird
Visual Basic Script & ActiveX