

**Tired of Oracle's SQL*Plus?
Try Raptor!**

**...now known as SQL
Developer**

Chris Grabowy

Agenda

- Several slides
- Demo!!
- Who attended the Oracle's presentation on Raptor?
- The agenda is NOT to completely duplicate Oracle's pitch about Raptor, but to put a user's perspective on Raptor.

Speaker

- Chris Grabowy has been working in the IT field for over 19 years.
- Chris Grabowy has been a DBA for over 17 years, nine years with Oracle.

Not an expert...



Audience

- Has anyone heard of Raptor?
- Has anyone used Raptor?
- Has anyone used or is familiar with Toad? SQL Navigator? Tora?

What is Raptor?

- A free graphical tool that increases productivity and simplifies database development tasks.
- A graphical “replacement” for Oracle’s SQL*Plus.
- Developed by Oracle Corporation. Most likely in response to many similar 3rd party products dominating the market, i.e. Toad, SQL Navigator, etc.

Version

- Currently available as Early Adopter release (release 7)
- Production release scheduled for early 2006

Free?

- Raptor is free, but support is provided via Metalink, therefore you need a valid Oracle license.
- Currently, Toad is \$870.00 per seat. How long can Quest keep charging that much? And what of the other products/vendors?

How do I get Raptor?

- The easiest way to find and download Raptor is to Google for it.
- Go to www.google.com and search for "Oracle Raptor".
- But Raptor is available on OTN.

Installation

- Very simple installation.
- Unzip the downloaded file.
- Execute raptor.exe from the unzipped folder.
- Does not require any Oracle client software.
- So how do you then inventory your clients?

Oracle Versions?

- Raptor is supported and certified for Oracle versions 9.2.0.1 and up.
- How will this compare with 3rd party products that support Oracle versions as far back as 7??
- But Raptor will work to a certain degree with older Oracle versions.

Developed

- Written in Java using JDeveloper
- Uses "self contained" JRE 1.5
- Uses JDBC thin driver to connect to Oracle

Plug-ins

- Plug-ins will be available. Configure Raptor for DBAs with plug-ins or for developers.
- GeoRaptor
 - "The purpose of GeoRaptor project is to extend Oracle SQL Developer development tool with additional functionality that is needed by database administrators of Oracle Spatial data, ESRI ArcSDE administrators or advanced GIS user."

<http://sourceforge.net/projects/georaptor>

GeoRaptor

The screenshot displays the Oracle Project Raptor interface. On the left, a tree view lists various spatial data layers, including 'DR_SDO' and 'KO_SDO'. The main window shows a 'GeoRaptor Spatial View' with a map of a region outlined in red. A 'Layer Properties' dialog box is open, showing the 'Database connection' as 'DR_SDO' and the 'Geometry column' as 'GEOMETRY'. The 'SQL' tab is selected, displaying the following query:

```
SELECT I.GEOMETRY FROM DR_SDO I
WHERE SDO_FILTER(I.GEOMETRY, MDSYS.SDO_GEOMETRY(2003,NULL,NULL,
MDSYS.SDO_ELEM_INFO_ARRAY(1,1003,3),
MDSYS.SDO_ORDINATE_ARRAY(7,7,7,7)),querytype=WINDOW) = 'TRUE'
```

The 'Visual' section of the dialog shows 'Line width' set to 1 and 'Line color' set to red. The status bar at the bottom indicates 'All Rows Fetched: 13' and 'Editing'.

Client platforms

- Windows
- Linux
- Mac OS X (EA 5)
- Solaris

<http://forums.oracle.com/forums/thread.jspa?messageID=1170942�>

- AIX

<http://forums.oracle.com/forums/thread.jspa?messageID=1157185�>

My implementation experiences ...so far.

- Raptor is an Oracle add-on, not freeware/shareware/free.
- RAPTOR_USER_DIR
- Data dictionary queries
- Benthic software. \$50,000 per software evaluation.

Passwords!!!

- Why are the passwords within the Raptor subfolders??
- IDEConnections.xml
- RAPTOR_USER_DIR
- Network installation? Consider setting the SetUserHomeVariable in the sqldeveloper.conf file to \$HOME?

Demo time!!

(please contact Chris Grabowy for a demo)

Future Enhancements

- Source code control
 - Query jobs
 - Current session, including kill
 - Data import tool.
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- The Raptor forum is running a poll to determine the most popular future enhancement.

<http://forums.oracle.com/forums/poll.jspa?pollID=47>

Questions?

- Has anyone used Raptor? Do you have any positive or negative experiences that you would like to share??
- Any other questions??

Thanks...

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