



APEX & 11i – Custom Reporting  
via Blackberry



# Agenda

- Oracle's Blog Post – APEX / 11i / R12
- Why you need an APEX reporting environment
- Where to build your APEX reporting environment
- It all starts with SQL Developer (or TOAD)
- Making APEX and 11i Communicate
- Web-based Reports
- BlackBerry-based Reports



## Oracle's Post on APEX / 11i / R12

Posted on [December 29, 2008 13:54](#)

[David Peake](#):

The issue with Oracle Application Express and R12 is not one of interoperability but configuration. With Apps 11i many customers installed APEX directly on the same server that was running their EBS instance. With R12 this will not be a supported configuration, therefore, APEX will need to be configured on a separate server. Our whitepaper will outline fully supported configurations which will be applicable to all versions of EBS.



## Why You Need APEX

- Oracle Applications has not changed much in the last 10 years but the expectations of the Oracle Applications user community have!
  - BlackBerry, iPhone, iPods, Facebook, Online banking





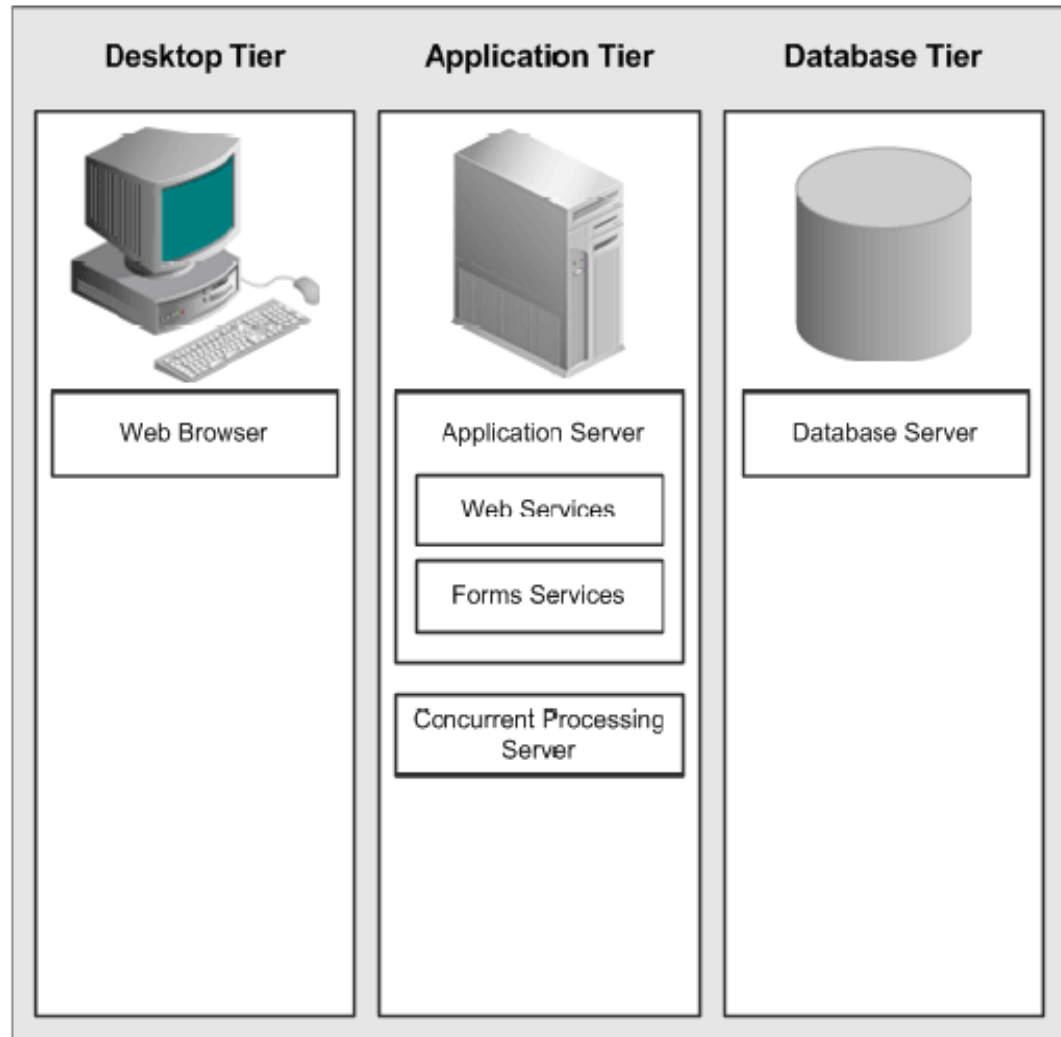
## Why You Want APEX

- Traditional Oracle Developers are better suited in SQL as opposed to Java which means they can learn APEX fast!
- APEX on XE is free!



# Oracle Applications - R12

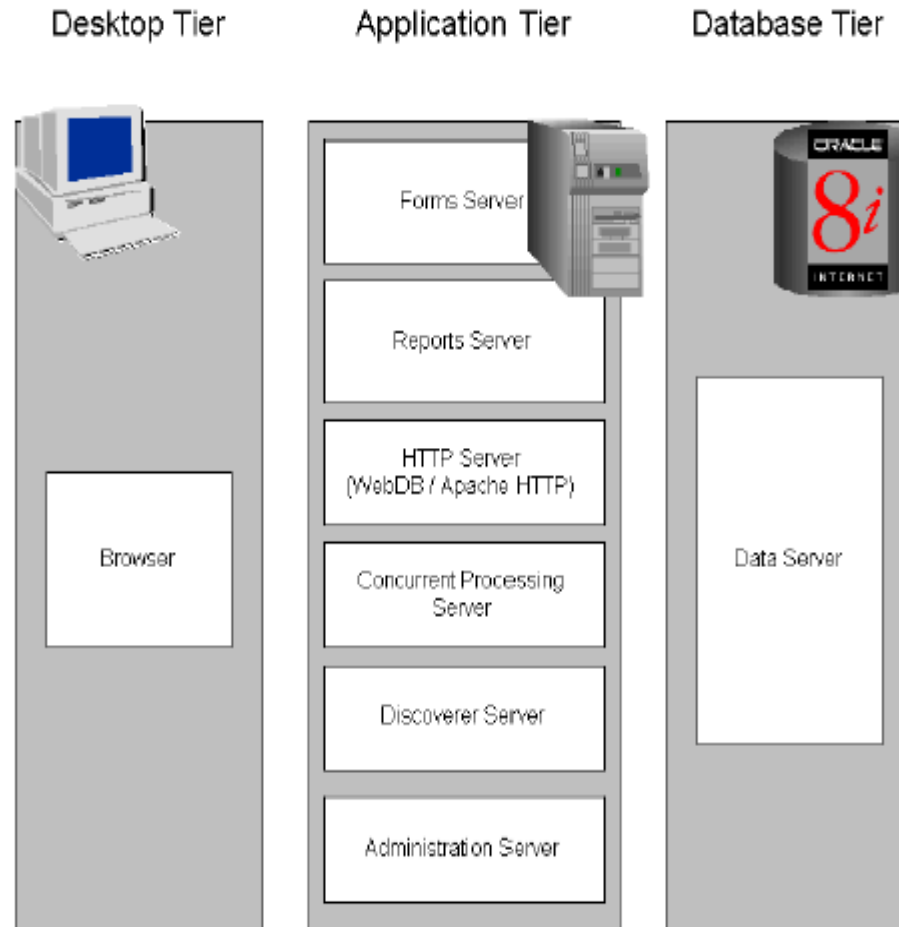
Figure 1-1 Oracle Applications Architecture





# Oracle Applications - R11i

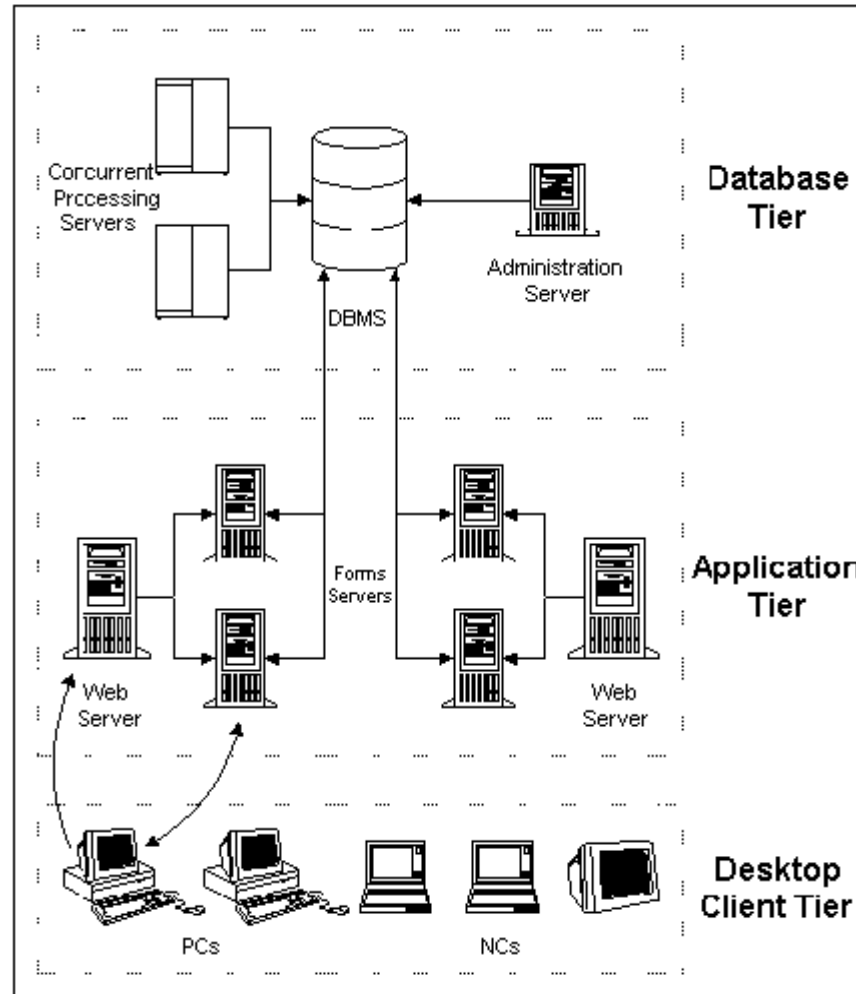
*Figure 1 Internet Computing Architecture*





# Oracle Applications - 10.7 / 11.0.3

Figure 1-1 Overview of Multi-tier Architecture







## Build your APEX reporting environment

- Where to install APEX – DB server, standalone
- SQL Developer / TOAD – For coding and testing
- Staffing –
  - DBA/Developer with SQL Experience
  - PL/SQL Experience is a plus
  - HTML / CSS Development helps with cosmetics



## APEX and 11i Communication

- Direct Install
  - Seems ideal but not always realistic
  - Unclear on R12 strategy
- Standby Install
  - Powered by DB Links
  - Works
  - Allows for reporting against multiple instances
  - `driving_site` hint may help query performance

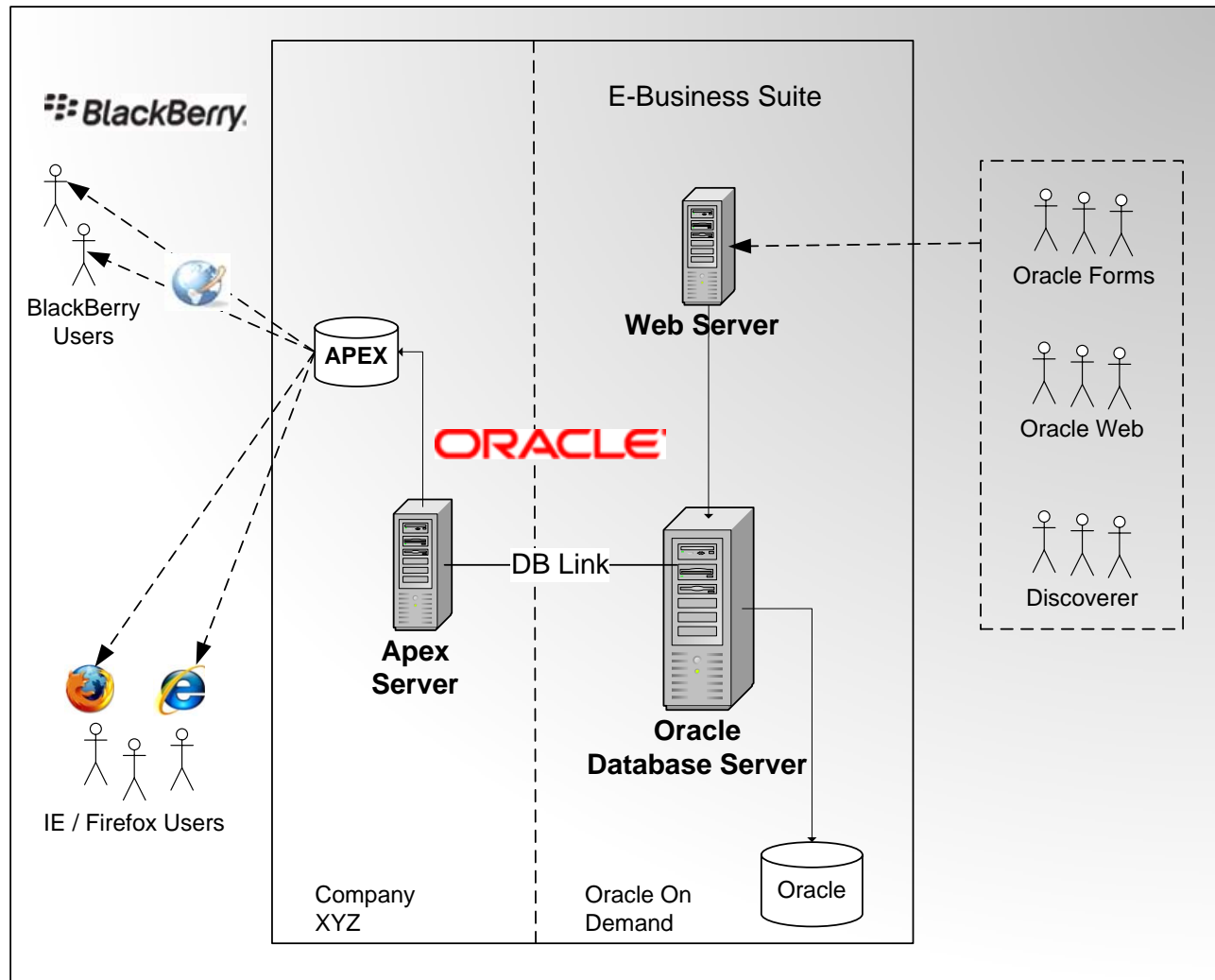


## BlackBerry Based Reports

- BB Application Design Guidelines
- APEX – Theme 19
  - <http://carlback.blogspot.com/2008/02/APEX-phone-test.html>
  - This is a generic theme meant to work on as many mobile devices as possible.



# APEX Reporting Architecture





# Demonstration

- Demo 1  
Retrieve a pre-built SQL statement from Oracle SQL Developer.
- Demo 2  
Borrow the SQL from Existing Standard Oracle Apps 11i Report file (\*.RDF files)
- Demo 3  
Reporting application on BlackBerry devices. Includes a walkthrough of a Customers and Orders Report.



Questions?