



ORACLE®

Application Express (APEX) Overview

Dimitri Gielis @ LA OTN Tour



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<http://apex-evangelists.com>

Dimitri Gielis Blog (Oracle Application Express - APEX)

I created this Blog to share my knowledge especially In Oracle Application Express (APEX) and my feelings ...

SUNDAY, JUNE 24, 2012

My view on APEX 4.2 EA (ready to test)

Things have been busy lately... now being at the ODTUG KScope 2012 conference I'll take the opportunity to do some more tweets and blog posts.

The last week the Oracle APEX Development team made a public APEX 4.2 EA available. You find it on <https://apexea.oracle.com/i/index.html>

You may also want to read [this post](#) to find more details about availability etc.

So what is new in APEX 4.2?

You find a description of all the new features [here](#).

The top 3 biggest things for me are around:

- ▣ Mobile development
- ▣ HTML5 (themes, items, charts)
- ▣ Packaged applications

I'll go into more detail in some other blog posts later, but here are already some teasers.

1) [An APEX app](#) build by [Marc Sewtz](#), it shows what you can build with the new Mobile Wizards in APEX 4.2.



My next public appearances:

- [OBUG Health SIG: 19th June 2012](#)
- [ODTUG KScope: 24/28-JUN-2012](#)
- [Oracle Open World: 30/4-OCT-2012](#)

About Me



 [Dimitri Gielis](#)

The views expressed are my own. The views and opinions expressed by visitors to this blog are theirs and do not necessarily reflect mine.

 [View my complete profile](#)



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Links

- [APEX Evangelists](#)
- [APEX-Challenge](#)
- [APEXBlogs](#)
- [G&G Design](#)

Tools

<http://dgielis.blogspot.com>



APEX
Evangelists
Oracle Specialists

APEX BLOGS

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[Home](#) [Blog Posts](#) [Tweets](#) [Plugins](#) [Links](#) [Statistics](#) [APEX Usage](#) [Knowledge Base](#)

Tweets



Dimitri Gielis (APEXBlogs) Twitter is currently blocking APEXBlogs... we'll have to wait till they allow syncing from our server again. 03-AUG



OliverLemm (Oliver) Use always for every lov in #orclapex a single table/relation not a general lov table.The dbmodel is much safer and better. 28-JUL



RoelH (Roel Hartman) Help! Hitting the "ORA-31167: XML nodes over 64K in size cannot be inserted" when calling web service in #orclapex. Upgrade is not an option 28-JUL



apex_freelancer (Matt Nolan) Preview: DA plugin combination, added

[View more >](#)

Plugins

RDS Customizable	14-DEC
ClariFit From To Date Picker	01-DEC
Bookmark	30-NOV
ClariFit Dialog	29-NOV
JasperServer Report Tunnel	04-NOV
Month Picker	03-NOV
Shuttle Extender	11-OCT
Super LOV for Tabular Form	02-OCT
Set Multiple Items	30-SEP

[View more >](#)

Blogs

Load more rows to report while scroll

Posted on 17-DEC-2011 12:13 by Jari.Laine

How create report that can be scrolled vertically and while scroll fetch more rows from database.

In the Picture



[Request to list me too](#)

[Links](#)

<http://apexblogs.info>

Manhattan, UI and security

MANAGER EAR

management tool

If pills came in multiple
them more easily. But
ing to manage differ-
ross an enterprise, "We
the stack," says Naveen
structure at Cologon and
fect of the Year,
upply, and techni-
eutral industry. The
ge its Oracle ecosystem,
ugh a centralized man-
le Enterprise Manager's
the IT environment.
Enterprise Manager as
enterprise manage-
ast year with Oracle



DIMITRI GIELIS

ORACLE APPLICATION EXPRESS DEVELOPER OF THE YEAR

As a developer, the passion for Oracle Application
Express doesn't fade.

He develops Java or .NET. But Dimitri Gielis' true love is Oracle
Application Express.

"Oracle Application Express is like a girl that you're in love with—the
passion never goes away," says Gielis, director of Apex Evangelists and
Apex Magazine's Oracle Application Express Developer of the Year.

Gielis, an Oracle ACE, has been working with Oracle Application
Express since its early releases. He supports the Apex Blog Aggregator
apexblogs.info, which aggregates more than 50 Oracle Application
Express blogs and highlights the product's features. He has a popular
blog on Oracle Technology Network, and conducts Oracle
Application Express-related training courses and presentations all over
the world. "Having Oracle Application Express inside the database means
to provide myself and my customers with everything they need," says
Gielis. "Even for nonprofessionals, I can't see a reason to fire up Microsoft
Access to create little applications, especially not when someone
needs to show data to others. Oracle Database Express Edition and Oracle
Application Express are more robust, more scalable, and more secure."



ENTER SPECS

Name: Dimitri Gielis
Job title: Evangelist, Oracle
Company: Apex Evangelists
Location: London, England
Award: Oracle Application Express
Developer of the Year 2008



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ACE Director

THE EXPERT'S VOICE® IN ORACLE



Expert Oracle Application Express

*Fourteen leading lights in Oracle Application
Express share their favorite insights from the field*

John Scott, Dietmar Aust, Martin D'Souza,
Doug Gault, Dimitri Gielis, Roel Hartman, Michael
Hichwa, Sharon Kennedy, Denes Kubicek,
Raj Mattamal, Dan McGhan, Francis
Mignault, and Anton Nielsen

Apress®

Agenda

APEX @ LA OTN Tour

- What is Oracle Application Express (APEX)
- Building APEX applications
- Architecture
- History of APEX
- Examples of APEX applications
- What Makes an application Successful?



What is Oracle APEX

Oracle Application Express (APEX)

Database-centric Web application development tool

- Fully supported, “no-cost” component for all editions of the Oracle Database
- Rapid Application Development (RAD)
- Browser based Application Development
- Declaratively build Web 2.0 applications
- Leverages Oracle database, SQL and PL/SQL
- Self Service Provisioning / Private Cloud

Oracle Application Express (APEX)

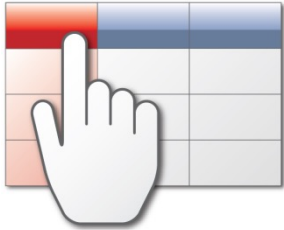
Fully supported no-cost feature of Oracle DB



- Distributed with
 - Oracle Enterprise Edition
 - Oracle Standard Edition
 - Oracle Standard Edition One
 - Oracle XE
- Supported Database Releases
 - 10gR2
 - 11gR1
 - 11gR2

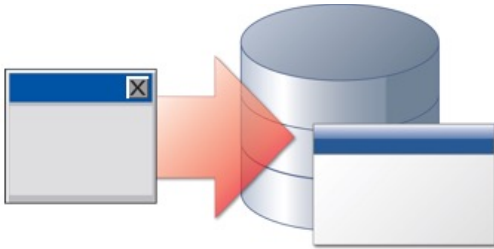
Oracle Application Express (APEX)

Rapid Application Development (RAD)



Data-driven Applications

Develop opportunistic and departmental productivity applications with Robust Online Reporting



Oracle Forms Modernization

Leverage SQL & PL/SQL declarative programming skills to move Forms applications to HTML / Web 2.0

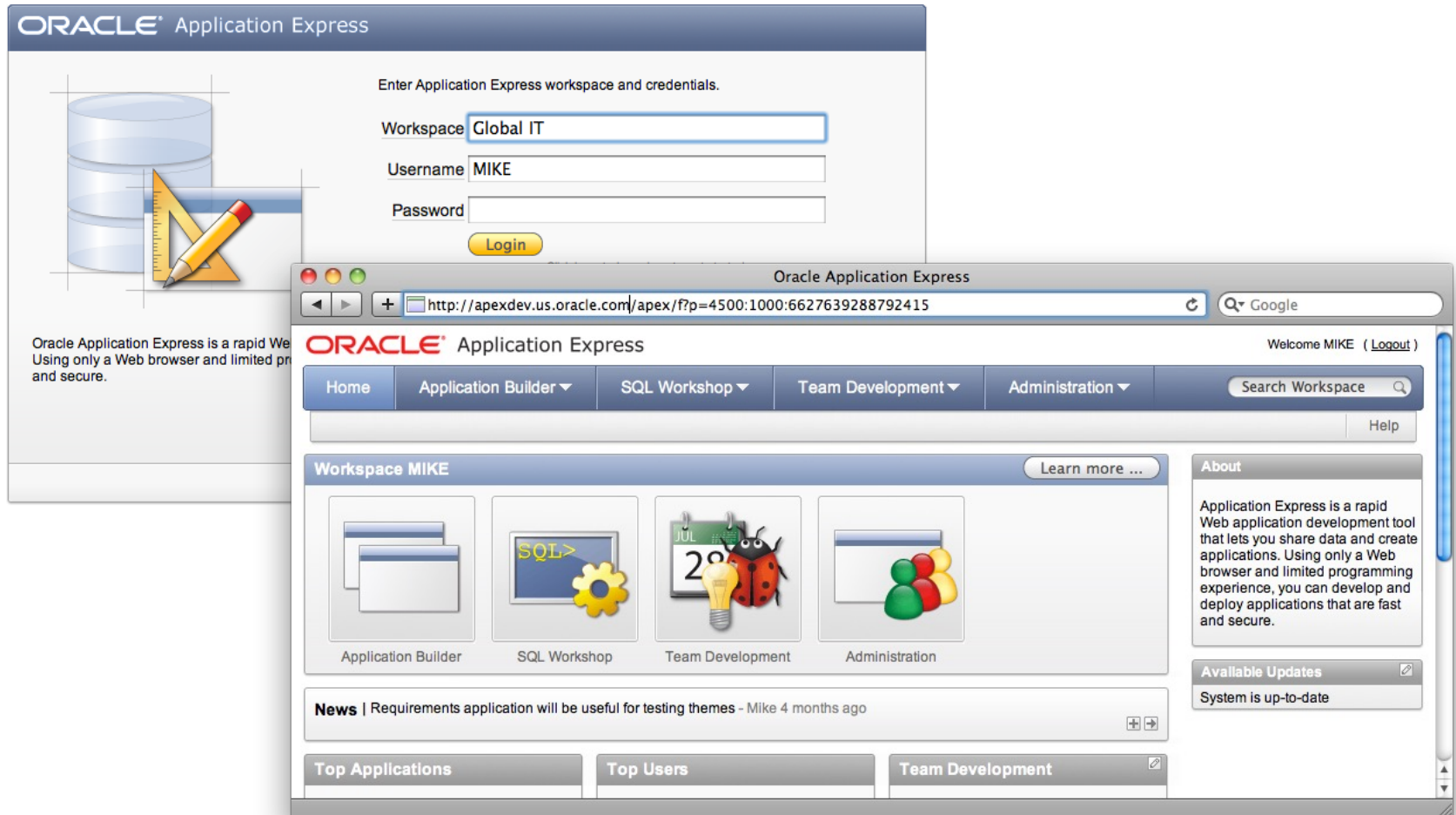


Spreadsheet / Access Replacement

Convert spreadsheets and access applications to Web applications

Oracle Application Express (APEX)

Browser Based Application Development



Oracle Application Express (APEX)

Declaratively build Web 2.0 Applications

The screenshot displays the Oracle Application Express (APEX) Page Definition interface. The browser address bar shows the URL: `http://apexdev.us.oracle.com:5555/apex/f?p=4000:4150:6627639288792415::NO::`. The page title is "Page Definition".

The interface includes a navigation bar with tabs: Home, Application Builder, SQL Workshop, Team Development, and Administration. A search bar labeled "Search Application" is also present. The breadcrumb trail indicates the current location: Home > Application Builder > Application 2120 > Page 2.

The main content area is divided into three panels:

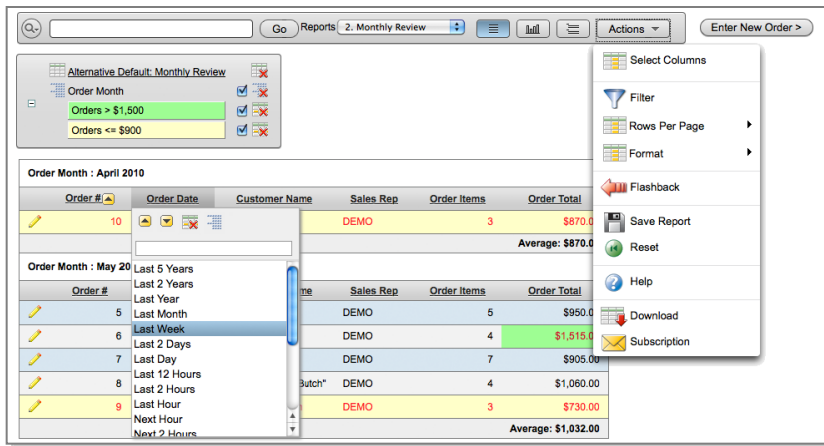
- Page Rendering:** Shows a tree structure of the page layout. The "Customers" region is expanded, showing "Report Columns" and "Region Buttons" (including a "NEW" button). Other regions include "Before Header", "After Header", "Before Regions", "After Regions", "Before Footer", and "After Footer".
- Page Processing:** Shows the flow of the page. It includes "After Submit", "Validating", "Processing" (with "Branches" and "Processes" like "ApplyMRU" and "ApplyMRD"), "After Processing", and "AJAX Callbacks".
- Shared Components:** Lists reusable components such as "Parent Tabs", "List of Values", "Breadcrumbs", "Lists", "Templates", and "Security".

At the top right, a status bar indicates "Updated: MIKE, 3 months ago" and provides links for "To do's", "Feedback", "Bugs", and "Comments".

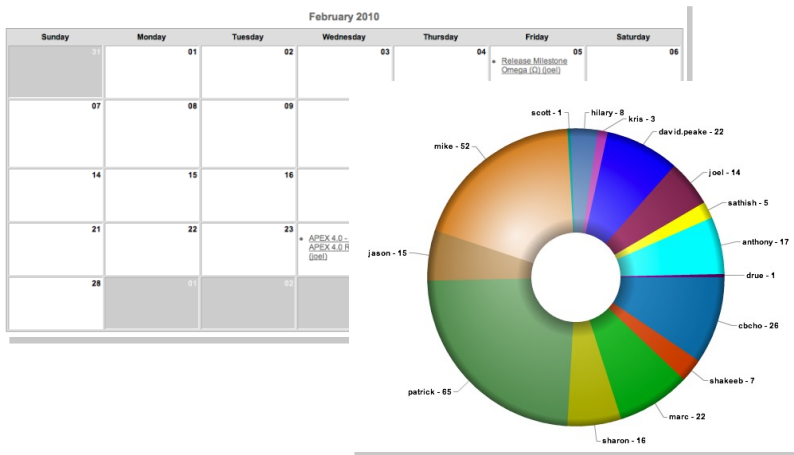
The footer of the interface shows the workspace information: "Workspace: MIKE User: MIKE" and the language/copyright notice: "Language: en | Copyright © 1999, 2010, Oracle. All rights reserved." A "Display a menu" link is also visible at the bottom left.

Oracle Application Express (APEX)

Leverage Oracle Database SQL and PL/SQL



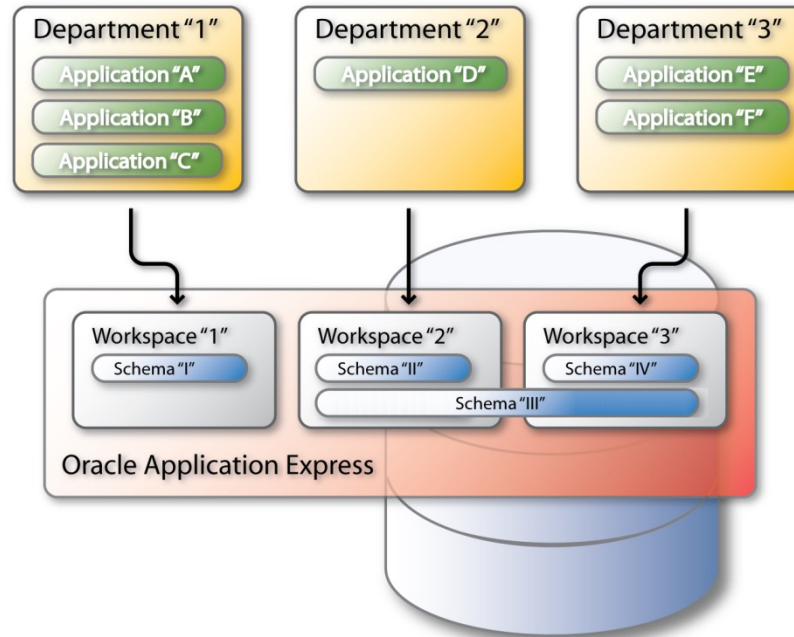
- Reports
- Calendars
- Charts
- Application Logic



```
Select channel,  
       sum(sales)  
from   sales  
where  quarter = :b1  
group by channel
```

Oracle Application Express (APEX)

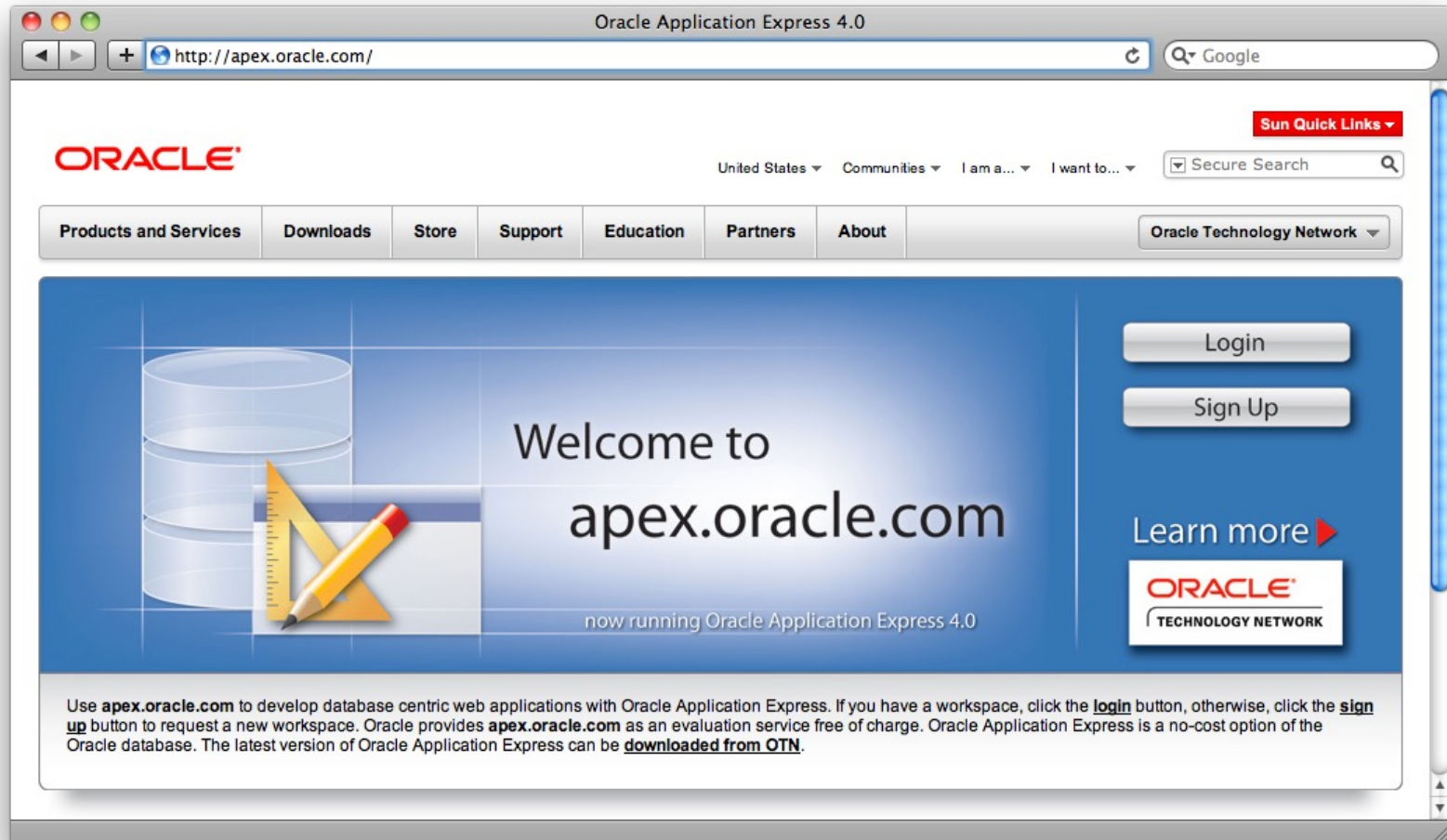
Self Service Provisioning / Private Cloud



- Allows IT to manage Database services
- Self-service provisioning of workspaces for Departments
- Private Cloud ready out of the box

http://apex.oracle.com

Free cloud based evaluation instance



Welcome to the Oracle Cloud

Preview Availability

Start Free Trial



Application Services



Fusion CRM

Sell smarter with Fusion CRM in the cloud.



Fusion HCM

Bring power to your people with Fusion HCM.



Social Network

A secure collaboration tool for everyone you work with.

Platform Services



Java

All the productivity of Java, without the IT.



Database

The Oracle database you love, now in the cloud.



[Download the Oracle Cloud Customer Portal Data Sheet](#)

OFFERINGS

[Fusion CRM](#)

[Fusion HCM](#)

[Social Network](#)

LEARN MORE

[How It Works](#)

[Why Oracle?](#)

RESOURCES

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[Architecture](#)

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Benefits of Oracle APEX

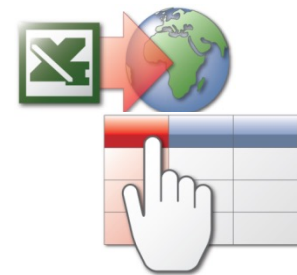
No Cost



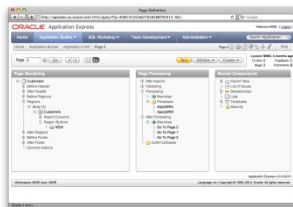
In Browser Development



RAD



Declarative Web 2.0



Leverage SQL



Self Service

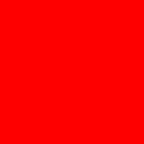




Demonstration

Build Application from a Spreadsheet

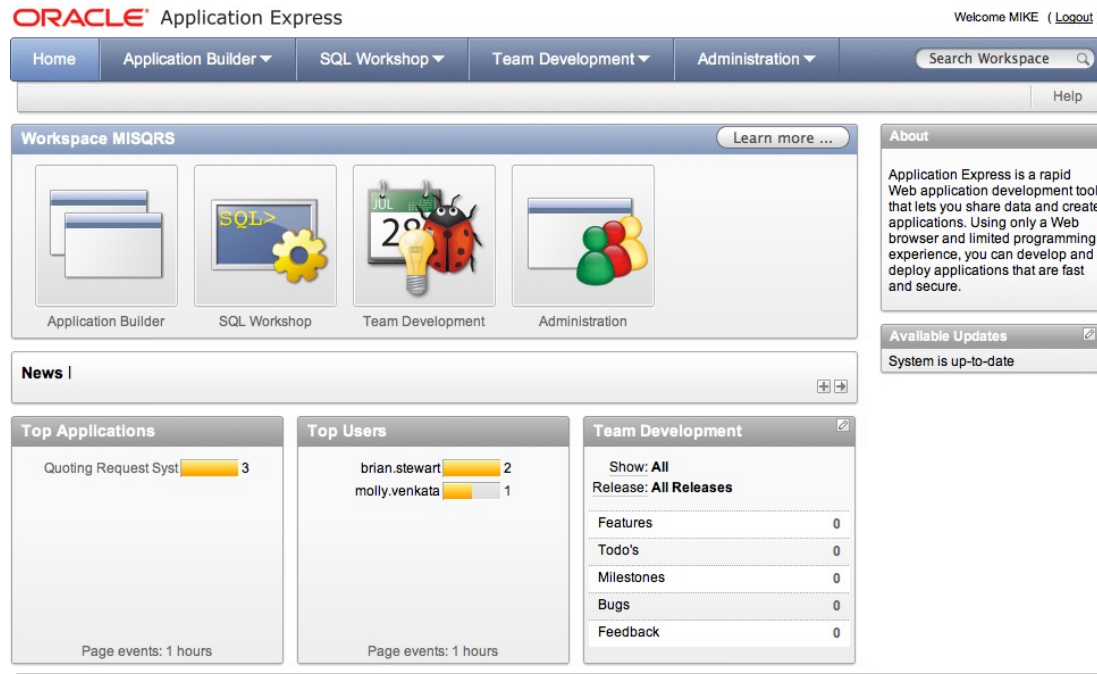
Using data from a spreadsheet create a database table and an application with reporting and data entry capabilities.



Building Applications in Oracle APEX

Building Applications in Oracle APEX

Oracle APEX Database and Application Development

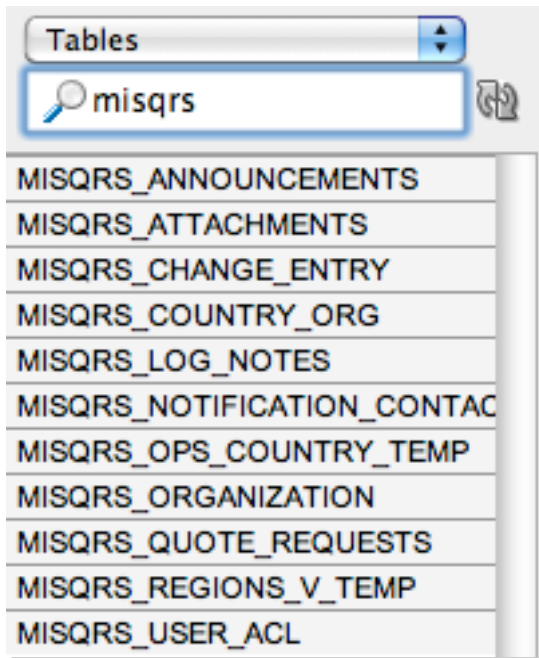


- Oracle application development home page
- Click Application Builder to develop applications
- Click SQL Workshop to develop database

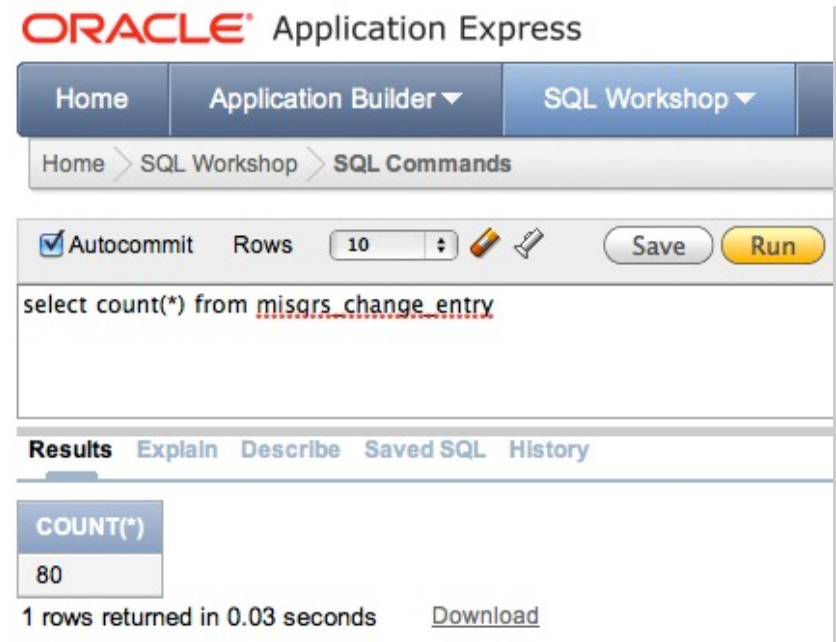
Building Applications in Oracle APEX

Full SQL Capabilities using APEX SQL Workshop

Browse Database Objects



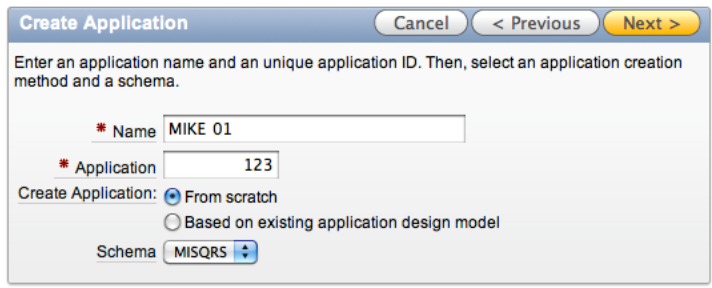
Run SQL or SQL Scripts



Building Applications in Oracle APEX

Creating an application

1. Initiate Create App Wizard 2. Add Pages



Create Application Cancel < Previous Next >

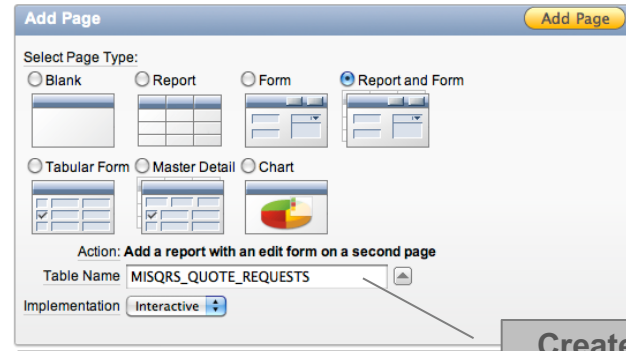
Enter an application name and an unique application ID. Then, select an application creation method and a schema.

* Name

* Application

Create Application: ☒ From scratch
☐ Based on existing application design model

Schema



Add Page Add Page

Select Page Type:

☐ Blank ☐ Report ☐ Form ☒ Report and Form

☐ Tabular Form ☐ Master Detail ☐ Chart

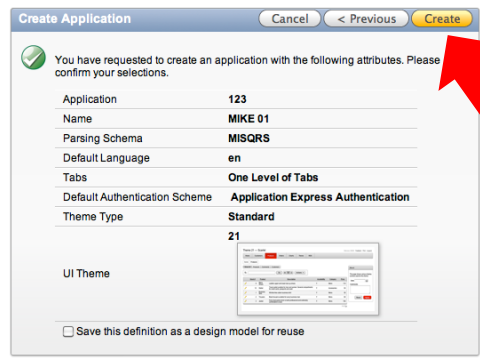
Action: Add a report with an edit form on a second page

Table Name

Implementation

Create report and form on table

3. Confirm and Create



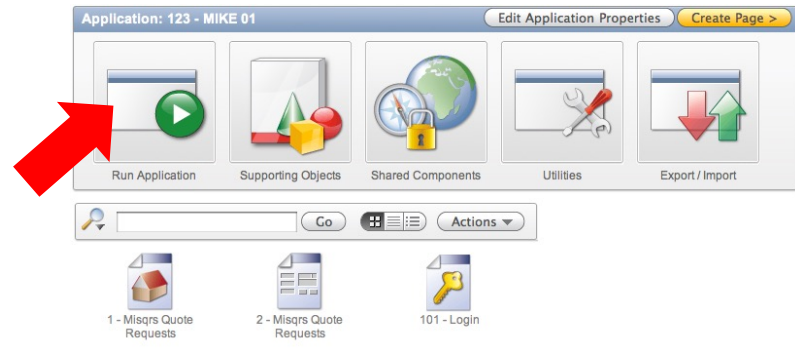
Create Application Cancel < Previous **Create**

✓ You have requested to create an application with the following attributes. Please confirm your selections.

Application	123
Name	MIKE 01
Parsing Schema	MISQRS
Default Language	en
Tab	One Level of Tabs
Default Authentication Scheme	Application Express Authentication
Theme Type	Standard
UI Theme	21

☐ Save this definition as a design model for reuse

4. Run Applications



Application: 123 - MIKE 01 Edit Application Properties Create Page >

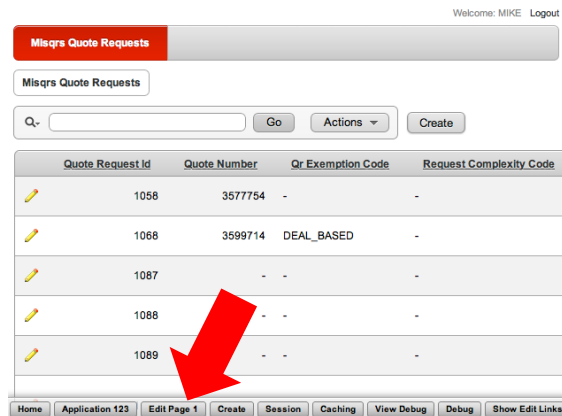
Run Application Supporting Objects Shared Components Utilities Export / Import

1 - Misqrs Quote Requests 2 - Misqrs Quote Requests 101 - Login

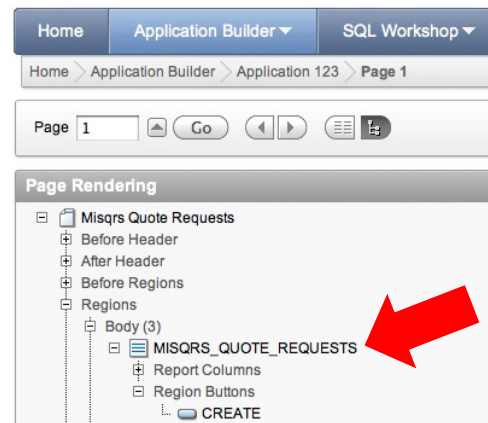
Building Applications in Oracle APEX

Developing an application

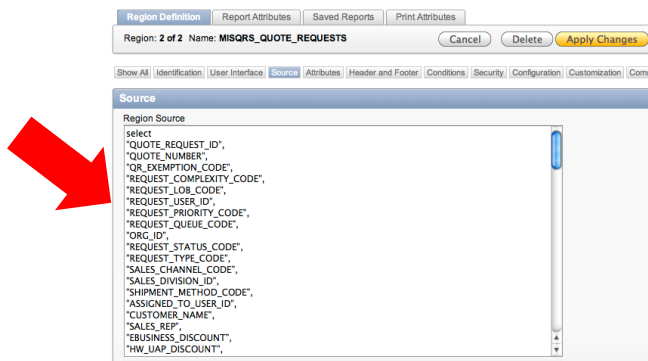
1. Click to edit page



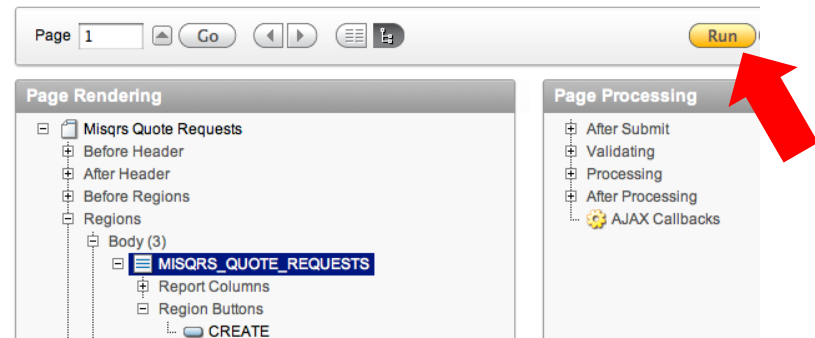
2. Click to edit page component



3. Edit component



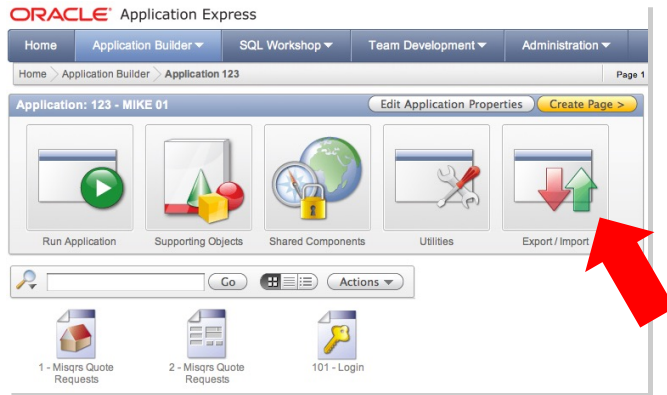
4. Run page to view changes



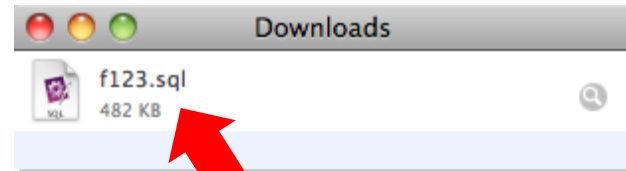
Building Applications in Oracle APEX

Deploying an application

1. Export Application



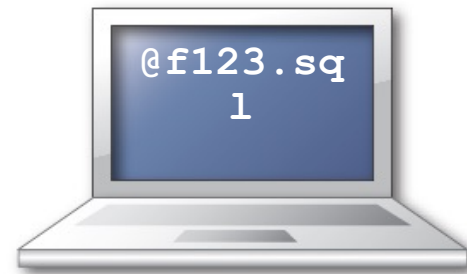
2. Export generates a SQL Script

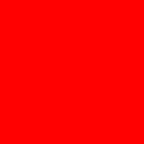


3. Provide File to DBA



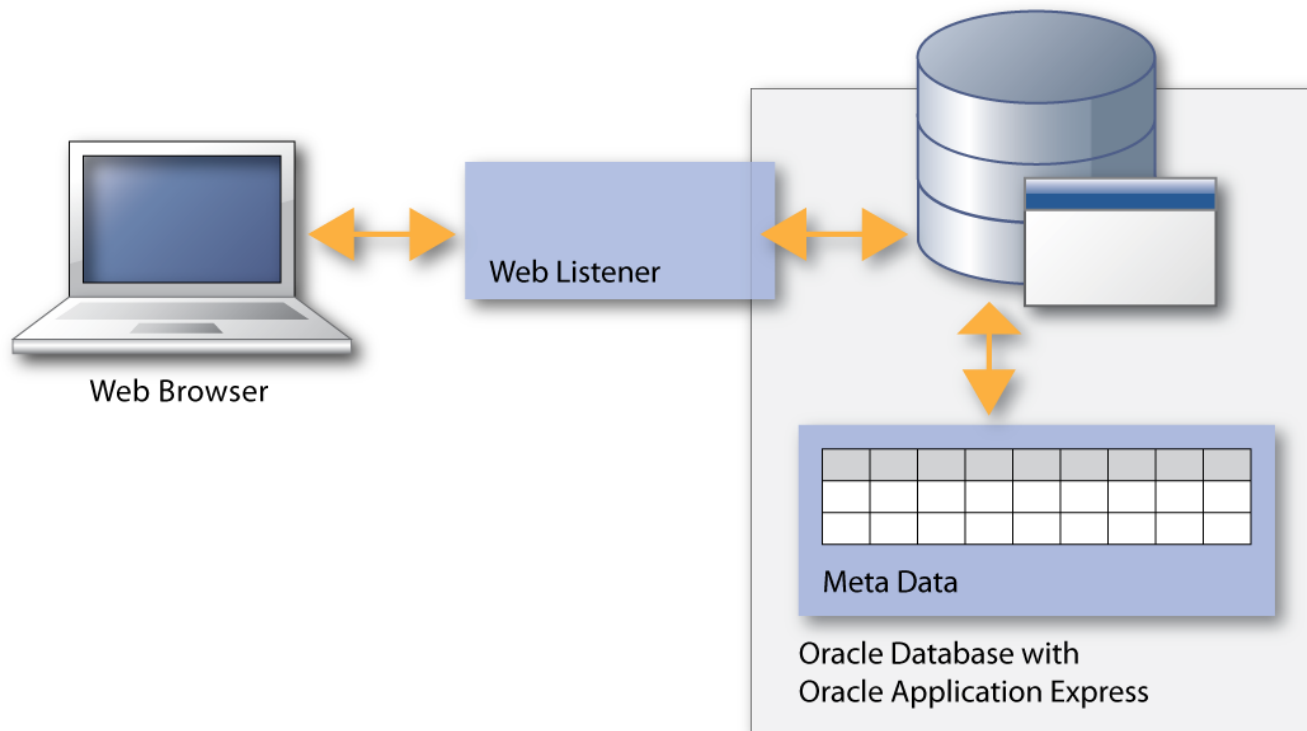
4. DBA Runs Script in Production





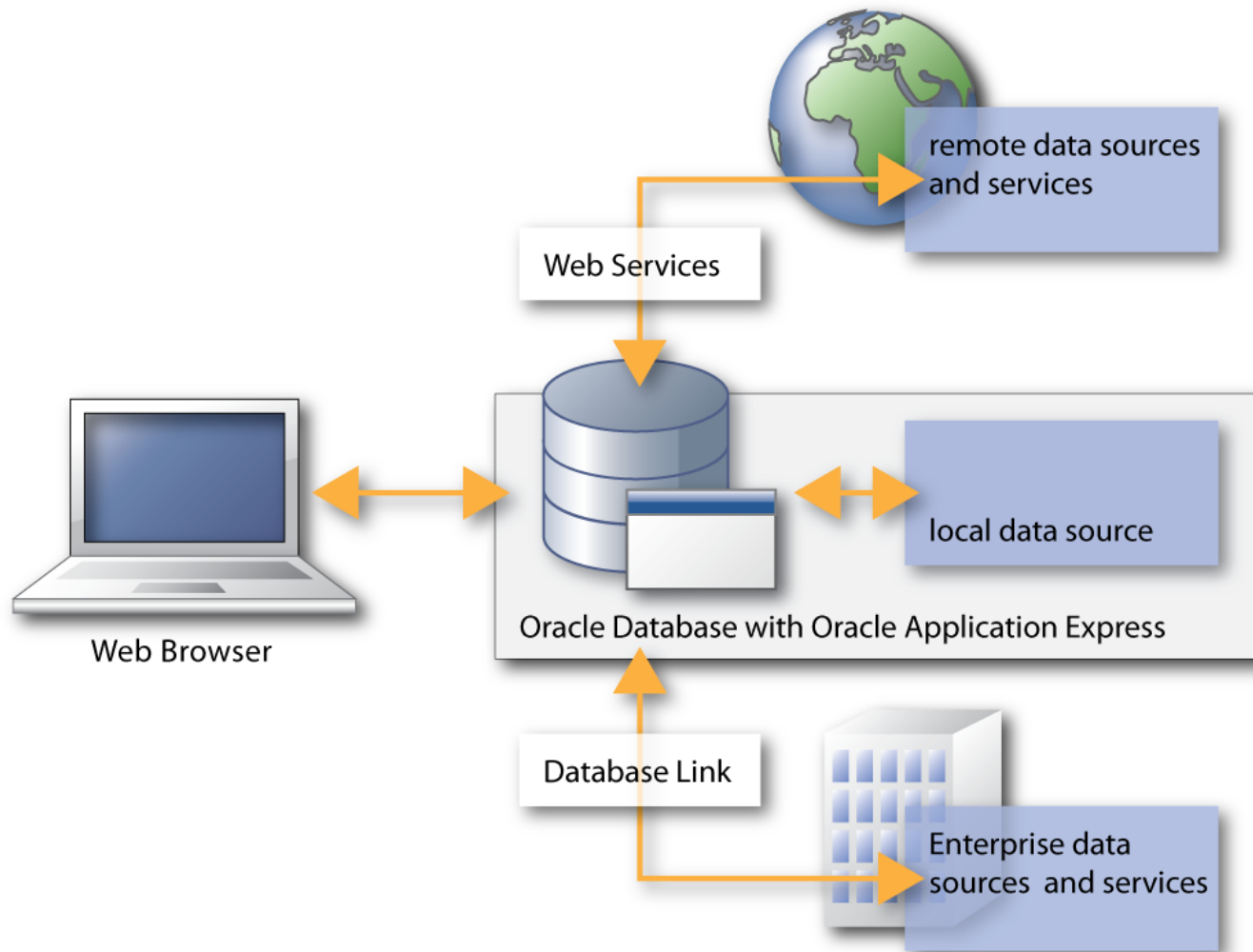
Oracle APEX Architecture

Architectural Overview



- Simple Architecture
- Pages dynamically rendered using database Metadata
- No code generation or file based compilation
- Runs Everywhere Oracle Database Runs

Building Integrated Applications



Development / Deployment Options



- Locally
 - Install on Stand-alone machine



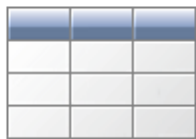
- Multi-tenant Private Cloud
 - Workspaces for each department
 - Self-service provisioning model



- Public Cloud
 - Hosting partners
 - Amazon EC2

Develop & deploy where it is most convenient and cost effective

Out of the Box Development Features



Reports



Validations



Globalization



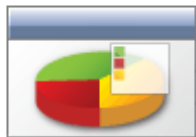
Forms



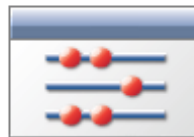
Processes



Conditional Processing



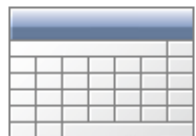
Charts



Computations



Authentication



Calendar



Branches



Authorization



Templates



Web Services



Session State Management



Navigation



Email Services



Logging & Monitoring

Interactive Reports

- Out of the box declarative Web 2.0 reporting
- Dramatically enhances end-user capabilities

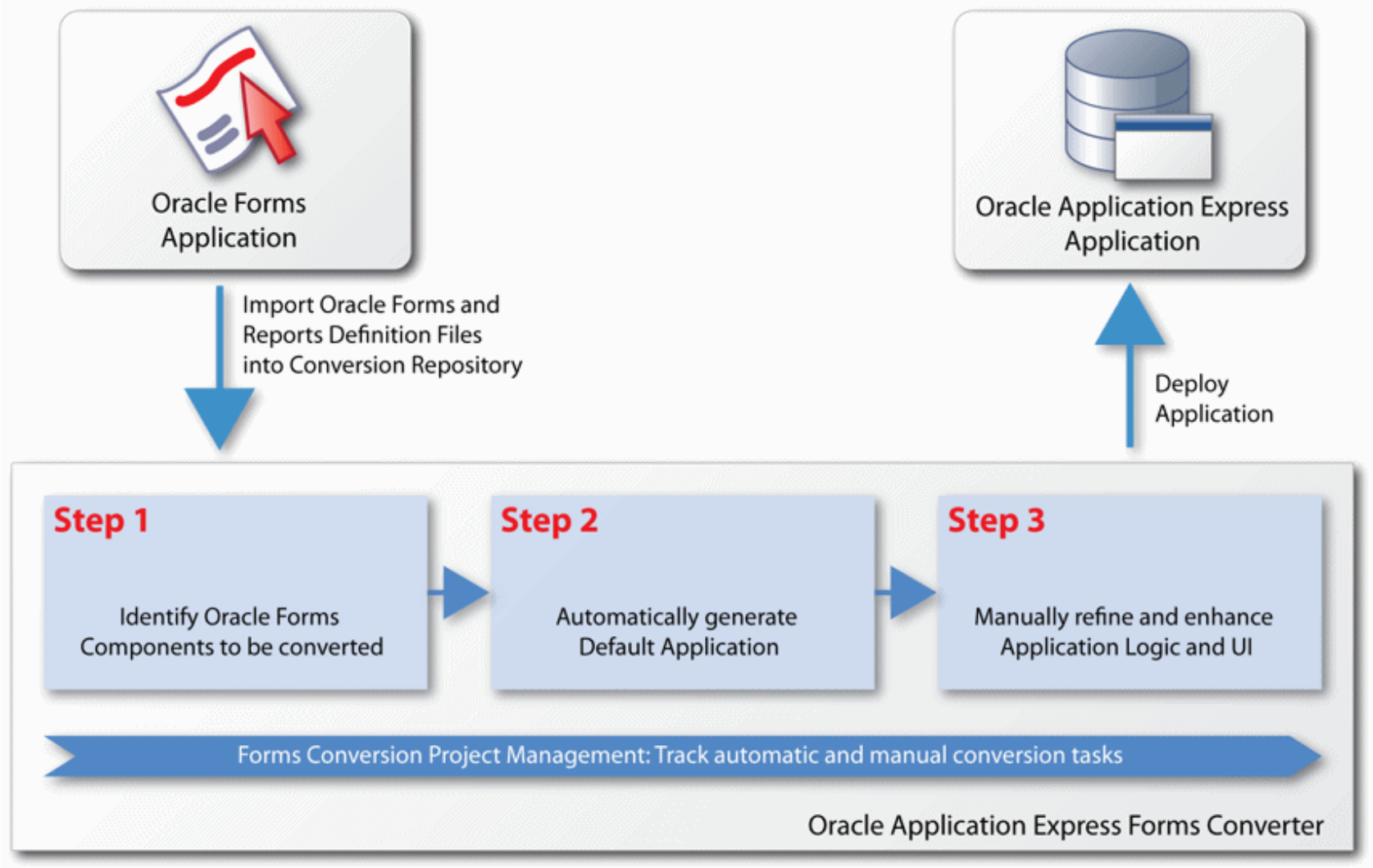
The screenshot displays an Oracle Interactive Report interface. At the top, there is a search bar, a 'Go' button, and a 'Reports' dropdown menu currently set to '2. Monthly Review'. To the right of the dropdown are icons for a menu, a bar chart, and a list. An 'Actions' dropdown menu is open, showing options: 'Select Columns', 'Filter', 'Rows Per Page', 'Format', 'Flashback', 'Save Report', 'Reset', 'Help', 'Download', and 'Subscription'.

Below the header, there is a section for 'Alternative Default: Monthly Review' with a list of filters. The first filter is 'Order Month' with a checkbox. Below it are two filters: 'Orders > \$1,500' (highlighted in green) and 'Orders <= \$900' (highlighted in yellow). Each filter has a checkbox and a delete icon.

The main data area is titled 'Order Month : April 2010'. It contains a table with the following columns: 'Order #', 'Order Date', 'Customer Name', 'Sales Rep', 'Order Items', and 'Order Total'. The first row shows an order with ID 10, a date of April 2010, a customer named 'DEMO', 3 items, and a total of \$870.00. Below this row is a summary row for April 2010 with an average total of \$870.00.

Below the summary row, there is a section for 'Order Month : May 2010'. It shows a list of time periods: 'Last 5 Years', 'Last 2 Years', 'Last Year', 'Last Month', 'Last Week' (highlighted), 'Last 2 Days', 'Last Day', 'Last 12 Hours', 'Last 2 Hours', 'Last Hour', 'Next Hour', and 'Next 2 Hours'. To the right of this list is another table with the same columns as the first table. The first row shows an order with ID 5, a date of May 2010, a customer named 'DEMO', 5 items, and a total of \$950.00. The second row shows an order with ID 6, a date of May 2010, a customer named 'DEMO', 4 items, and a total of \$1,515.00 (highlighted in green). The third row shows an order with ID 7, a date of May 2010, a customer named 'DEMO', 7 items, and a total of \$905.00. The fourth row shows an order with ID 8, a date of May 2010, a customer named 'Butch', 4 items, and a total of \$1,060.00. The fifth row shows an order with ID 9, a date of May 2010, a customer named 'DEMO', 3 items, and a total of \$730.00. Below this table is a summary row for May 2010 with an average total of \$1,032.00.

Oracle APEX Forms Conversion Overview





Demonstration

Interactive Reports

Allows end users to customize, download, email, and share reports

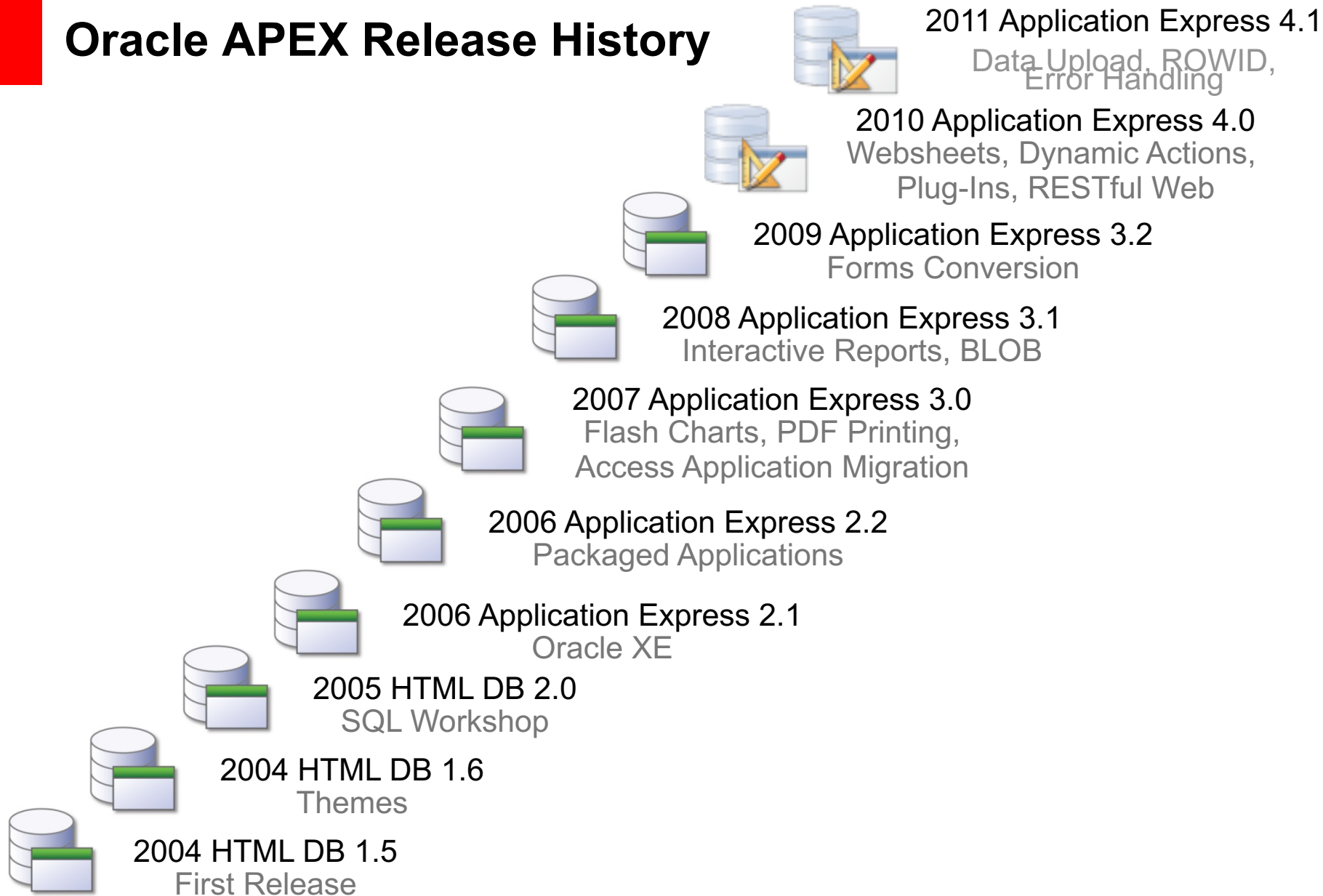
Dynamic Actions & Plugins

Dynamic page controls without writing JavaScript & AJAX; Extending framework



Oracle APEX History

Oracle APEX Release History



#3 OTN Forum

OTN Discussion Forums : Application Express

http://forums.oracle.com/forums/forum.jspa?forumID=137

ORACLE

Forum Home Database Application Express

Forum: Application Express

Post New Thread Back to Category

Messages: 289,957 - Threads: 59,355 - Filter: All Threads Pages: 3,957 [1 2 3 4 5 | Next]

Thread	Author	Views	Replies	Last Post
Welcome to the Oracle Application Express Discussion Forum! Posted By: sbkenned -- Sep 9, 2010 9:09 AM				
Oracle Application Express 4.0.1 is now Production Posted By: dpeake -- Aug 18, 2010 8:28 AM				
Oracle Application Express Listener now Production --> New APEX Listener Forum now available Posted By: sbkenned -- Jul 6, 2010 11:33 AM				
web service reference input parameter - strip off characters before calling	mterlesky	10	0	Sep 17, 2010 1:15 PM Last Post By: mterlesky »
How do you add HttpOnly to all cookies in APEX3.2 ? Any good news?	BillC	20	0	Sep 17, 2010 12:39 PM Last Post By: BillC »
Aligning SQL reports in a region so that all top edges are aligned	richb267	40	1	Sep 17, 2010 12:34 PM Last Post By: Bob37 »
APEX 4.0.1 bug - Interactive Report Search Bar - ORA-12899	Louis-Guillaume	259	4	Sep 17, 2010 12:28 PM Last Post By: Louis-Guillaume »

Display a menu

Welcome, Guest

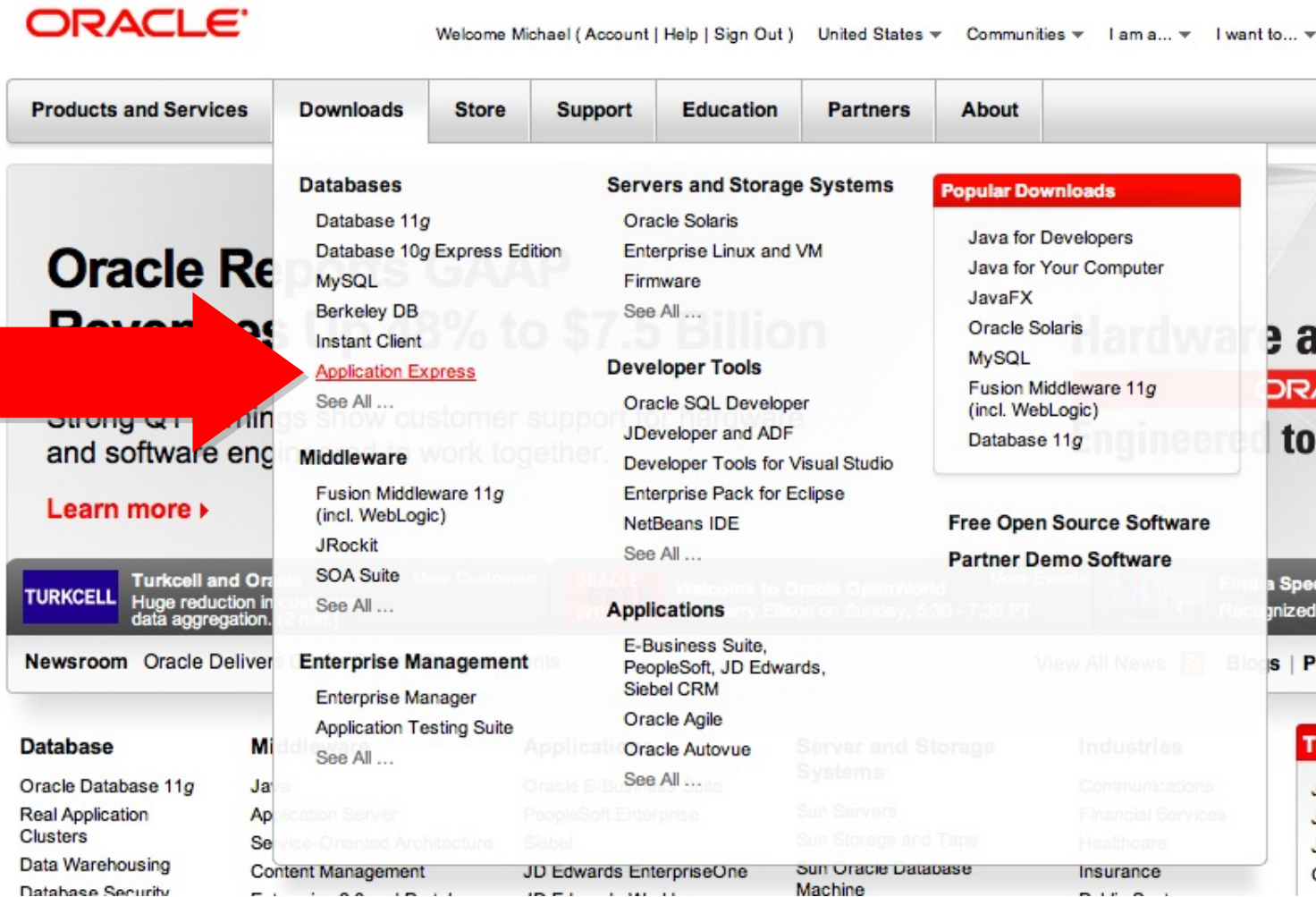
[Sign In / Register](#)
[Guest Settings](#)
[Search](#)
[FAQ](#)

Search Forum

Top Users in Forum

- [ATD](#) (10970)
- [varad acharya](#) (7860)
- [jarola](#) (6220)
- [scott.spadafore...](#) (4805)
- [Roel](#) (4325)
- [Denes Kubicek](#) (4100)
- [Munky](#) (3150)
- [Dan McGhan](#) (2965)

Popular Oracle OTN Download



The screenshot shows the Oracle OTN website interface. At the top, the Oracle logo is on the left, and user navigation links (Welcome Michael, Account, Help, Sign Out) and regional links (United States, Communities, I am a..., I want to...) are on the right. Below this is a main navigation bar with tabs: Products and Services, Downloads, Store, Support, Education, Partners, and About. The 'Downloads' tab is active, displaying a grid of download categories. A large red arrow points to the 'Application Express' link under the 'Databases' category. Other categories include Servers and Storage Systems, Developer Tools, Middleware, and Applications. A 'Popular Downloads' sidebar on the right lists items like Java for Developers, JavaFX, Oracle Solaris, MySQL, Fusion Middleware 11g, and Database 11g. The bottom of the page features a 'Newsroom' section and a 'Database' section with links to various Oracle products.

ORACLE

Welcome Michael (Account | Help | Sign Out) United States ▼ Communities ▼ I am a... ▼ I want to... ▼

Products and Services **Downloads** **Store** **Support** **Education** **Partners** **About**

Databases

- Database 11g
- Database 10g Express Edition
- MySQL
- Berkeley DB
- Instant Client
- [Application Express](#)
- See All ...

Servers and Storage Systems

- Oracle Solaris
- Enterprise Linux and VM
- Firmware
- See All ...

Developer Tools

- Oracle SQL Developer
- JDeveloper and ADF
- Developer Tools for Visual Studio
- Enterprise Pack for Eclipse
- NetBeans IDE
- See All ...

Middleware

- Fusion Middleware 11g (incl. WebLogic)
- JRockit
- SOA Suite
- See All ...

Applications

- E-Business Suite, PeopleSoft, JD Edwards, Siebel CRM
- Oracle Agile
- Oracle Autovue
- See All ...

Popular Downloads

- Java for Developers
- Java for Your Computer
- JavaFX
- Oracle Solaris
- MySQL
- Fusion Middleware 11g (incl. WebLogic)
- Database 11g

Free Open Source Software

Partner Demo Software

Newsroom Oracle Deliver... **Enterprise Management**

- Enterprise Manager
- Application Testing Suite
- See All ...

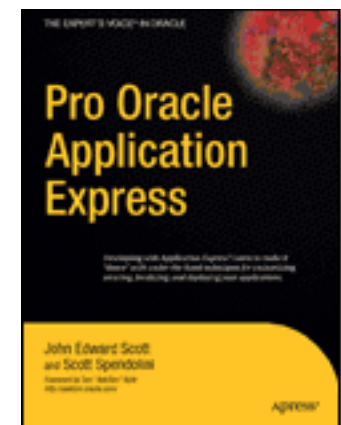
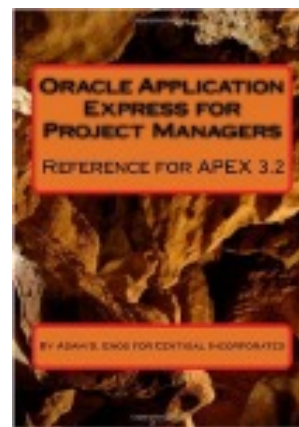
Database

- Oracle Database 11g
- Real Application Clusters
- Data Warehousing
- Database Security

Industries

- Communications
- Financial Services
- Healthcare
- Insurance

Oracle Application Express Books



Oracle Application Express Bloggers



Joel Kallman



Marc Sewtz



Patrick Wolf



Dimitri Gielis



David Peake



John Scott



Scott Spendolini



Doug Gault



Dietmar Aust



Francis Mignault



Denes Kubicek



Carsten Czarski

New in Oracle Application Express 4.0



Dynamic Actions*



Team Development



Plug-ins*



**Enhanced
Interactive Reports***

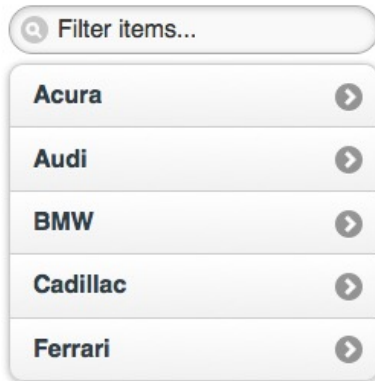


**RESTful Web
Service Support**



**Improved
Charting**

New in Oracle Application Express 4.2



Mobile Support



Packaged Applications



UI Improvements



HTML5 Item Types



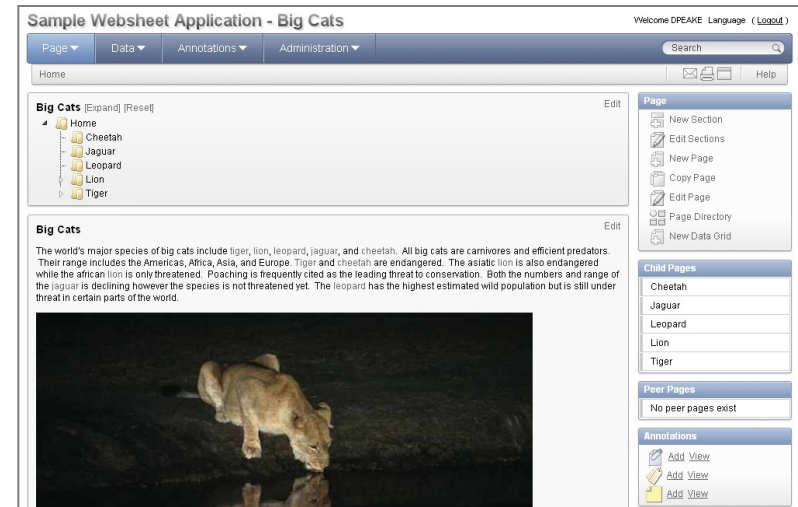
RESTful Web Services



HTML5 Charts

Websheets

- Build basic applications faster and with more functionality
- Web-based content sharing
 - Hierarchical text pages
 - Editable data grids
 - Interactive Reports
- Mark-up syntax with SQL Tags
- Designed for Business Users
- Incorporates “sharing” model (Reader, Contributor, Admin)
 - Integrated annotations (attachments, tags, notes, links)





Collaborative content sharing



Examples of Oracle APEX Applications

Oracle APEX Applications

asktom.oracle.com

The screenshot shows the 'Ask Tom Home' web application in a browser window. The address bar displays the URL `http://asktom.oracle.com/pls/apex/f?p=100:1:0`. The page features a navigation bar with links for Questions, Resources, Archives, Links, Popular, Hot, and Files. A search bar is located below the navigation bar. The main content area displays a list of questions with columns for Subject, Last Updated, and First Asked. The questions are sorted by 'Last Updated' and show a range of topics related to Oracle database performance and configuration. On the right side, there is a section for 'New Books' featuring two books: 'Expert Oracle Database Architecture' and 'Effective Oracle by Design'. Both books are available for purchase on Amazon.com. The bottom of the page includes a 'Feeds' section.

Ask Tom Home

http://asktom.oracle.com/pls/apex/f?p=100:1:0

Google

ask Tom ORACLE

Questions Resources Archives Links Popular Hot Files

Home

Times are in Central time zone (GMT-05:00)
In the last 4 weeks, I've taken 17 new questions, read 353 followups, and responded to 240 of the followups

Search Display 15

Subject	Last Updated	First Asked
Transactions per second	95 minutes ago	10.1 years ago
What are Fixed Size and Variable Size of SGA indicative of and...	3 hours ago	9.5 years ago
Does UTL_MAIL have an attachment limit of 32k	3 hours ago	2.9 years ago
using explain plan	3 hours ago	10.4 years ago
Application contexts in a web environment	3 hours ago	8 years ago
Partitioning existing tables	3 hours ago	2.3 years ago
Effective Upgrade Strategy	8 hours ago	30 hours ago
rownum question	9 hours ago	10.4 years ago
global temp table	9 hours ago	6.6 years ago
Question on Using Ref Cursor	9 hours ago	8.2 years ago
Dropping and recreating indexes using dynamic DDL	9 hours ago	45 hours ago
Fetching last record from a table	9 hours ago	9.2 years ago
Data Extraction into files	22 hours ago	24 hours ago
Joining data in historical tables	22 hours ago	24 hours ago
Intermittent commits	22 hours ago	30 hours ago

1 - 15 Next >

Messages

- o All of the content that used to be located at <http://asktom.oracle.com/tkyte/> is now here: <http://tkyte.blogspot.com/2009/10/httpasktomoraclecomtkyte.html>
- o It has started again - that blogging thing... Current theme is "things I did not know (about Oracle)".. Take a look at [my blog](#) and give me feedback. Things I did not know - interesting things I've learned day to day about the Oracle database...

Sorry I have a large backlog right now, please ask a question later.

Click [here](#) to view your questions.

New Books

All of the content that used to be located at <http://asktom.oracle.com/tkyte/> is now here: <http://tkyte.blogspot.com/2009/10/httpasktomoraclecomtkyte.html>

Expert Oracle Database Architecture
Thomas Kyle
Best Price \$34.44 or Buy New \$37.79
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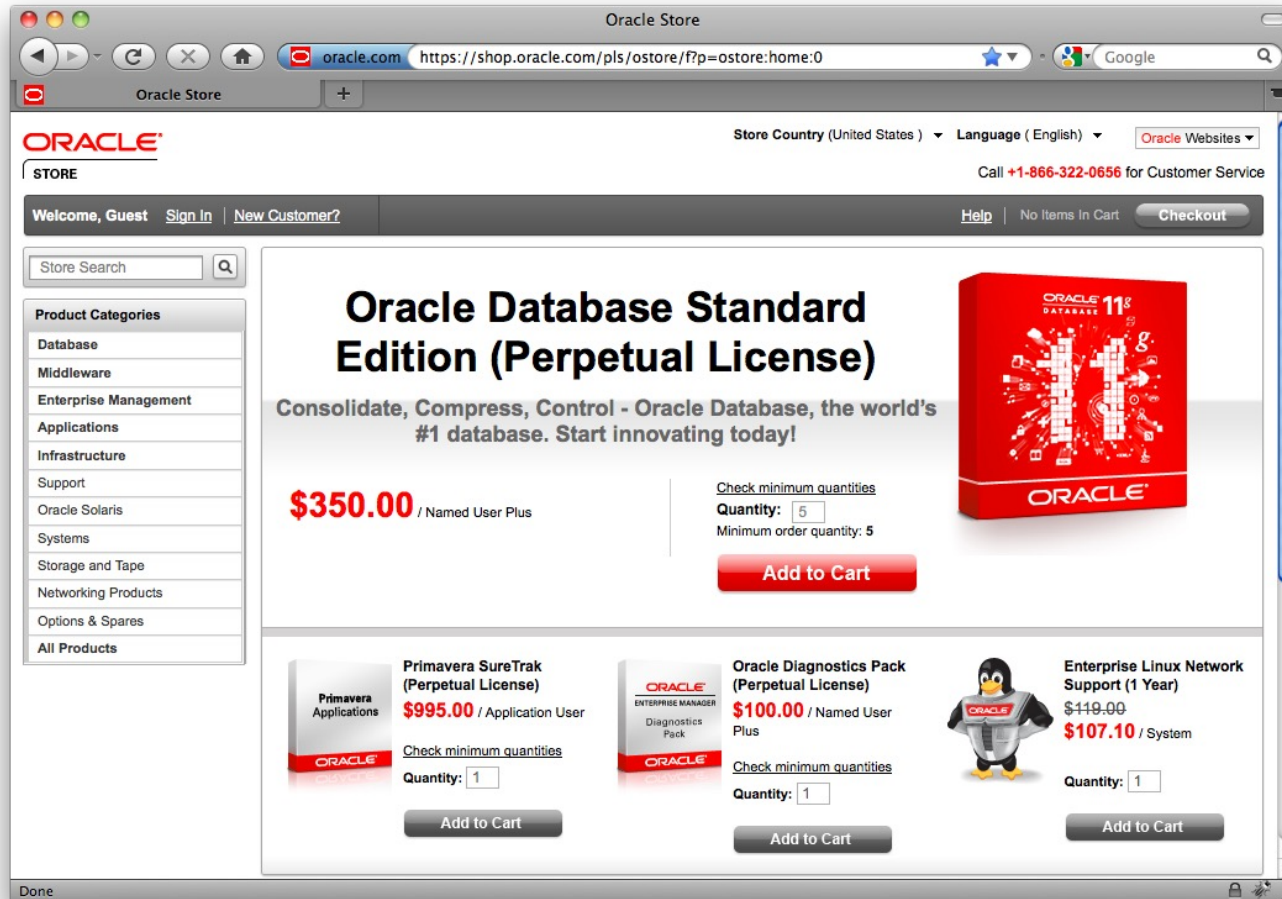
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Privacy Information

Feeds

Done

Oracle APEX Applications

oracle.com/store



Oracle APEX Applications

Solutions and Requirements Tracking (internal)

The screenshot displays the 'SOLAR' application interface. The browser address bar shows the URL: <https://apex.oraclecorp.com/pls/apex/f?p=12167:1:122426783619153>. The application header includes the 'SOLAR' logo, the text '(Solutions and Requirements System)', and a welcome message for 'MICHAEL.HICHWA@ORACLE.COM'. Navigation tabs for 'Home', 'Requirements', 'Solutions', and 'Reports' are present, along with a search bar.

The main content area is divided into several sections:

- Recent Business Requirements:** A list of requirements with their status and time since update.

Possible Finance r... yet been finalized	6 hours ago
Requirement to obt...ct/load requirement	6 hours ago
Legacy Systems Dat...post data migration	6 hours ago
Inventory currentl...hange functionality	6 hours ago
Part to Repair Ven...system if required	6 hours ago
(FE) Field technic...ct/load requirement	6 hours ago
- Recent Solutions:** A list of solutions with their status and time since update.

Populate the subin...ked at pick release	20 hours ago
The Inventory Inte.../CHARGE order type	20 hours ago
Spares solution be...oying June 27, 2011	27 hours ago
Spares solution be...ory based pricing	27 hours ago
Develop a custom APEX application	27 hours ago
Standard Functiona...sed Order solution	28 hours ago
- Requirements by IT Track:** A table showing the count of requirements for each IT track.

Field Service - Phase 4	823
Ordering	483
Finance - Procurement	409
SCM - Inventory Mgmt	208
SCM - Fulfillment	202
SCM - Manufacturing	200
- Solutions by IT Track:** A table showing the count of solutions for each IT track.

SCM - Inventory Mgmt	183
SCM - Manufacturing	162
Ordering	137
SCM - Planning	127
GTM	82
SCM - Fulfillment	73
- Requirements by Status:** A table showing the count of requirements for each status.

Approved	3,109
Review	701
Unknown	163
(null)	14
- Solutions by Status:** A table showing the count of solutions for each status.

Approved	776
Review	350
(null)	83
Delivered	45
- About:** A section providing summary statistics.

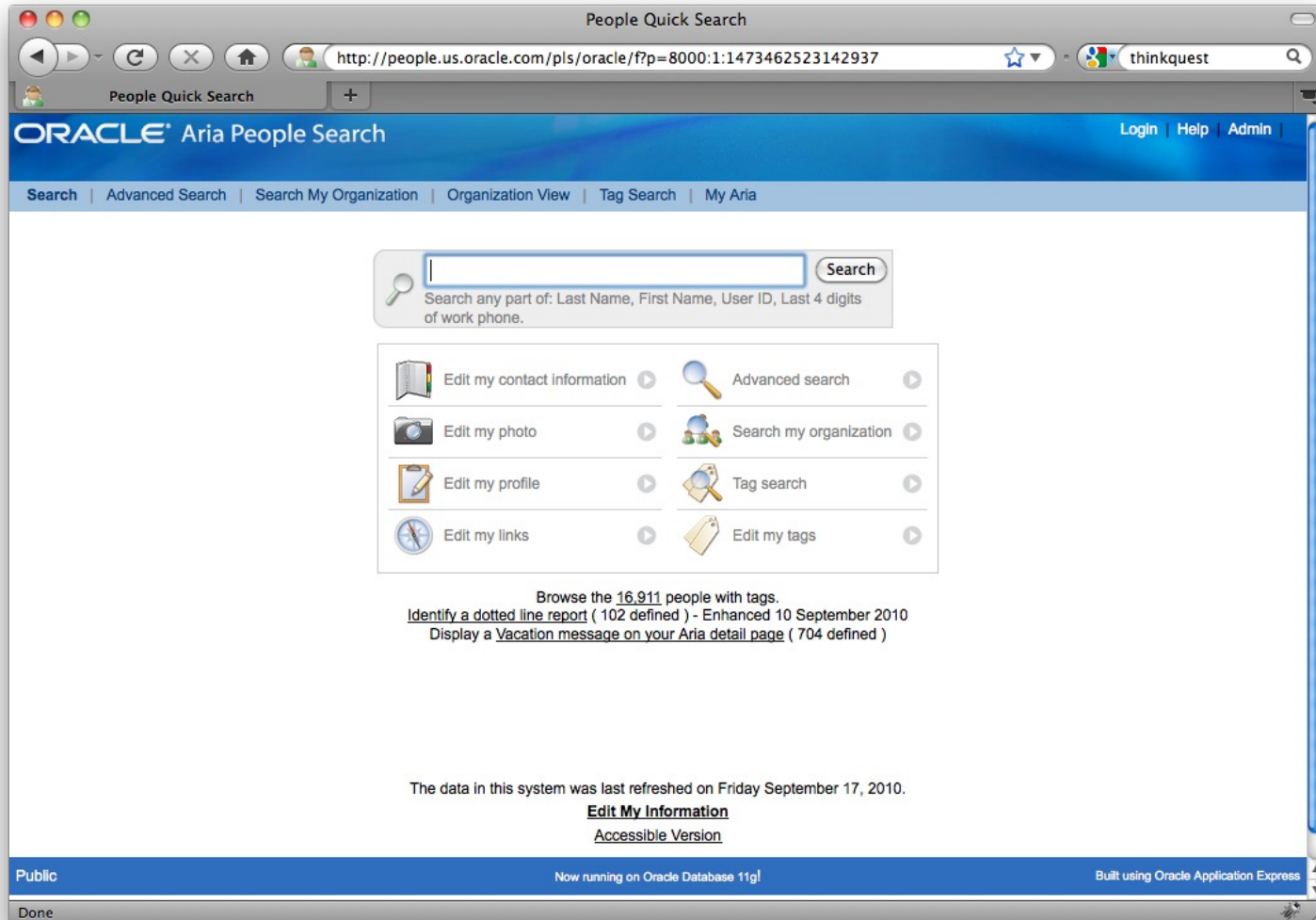
This system tracks business requirements and corresponding solutions by initiative, process and IT track.

Requirements: [3,990](#)
 Solutions: [1,282](#)
 Links: [198](#)
 Notes: [202](#)
 Tracks: [46](#)
 Initiatives: [204](#)
 Locks: [44](#)
- Solution Delivery:** A table showing the count of solutions delivered each month.

September 2010	2
October 2010	76
December 2010	12
January 2011	1,017
February 2011	22
April 2011	22
June 2011	1
July 2011	13
May 2020	4

Oracle APEX Applications

aria people



Welcome to the Oracle Cloud

Preview Availability

Start Free Trial



Application Services



Fusion CRM

Sell smarter with Fusion CRM in the cloud.



Fusion HCM

Bring power to your people with Fusion HCM.



Social Network

A secure collaboration tool for everyone you work with.

Platform Services



Java

All the productivity of Java, without the IT.



Database

The Oracle database you love, now in the cloud.



[Download the Oracle Cloud Customer Portal Data Sheet](#)

OFFERINGS

[Fusion CRM](#)

[Fusion HCM](#)

[Social Network](#)

LEARN MORE

[How It Works](#)

[Why Oracle?](#)

RESOURCES

[FAQ](#)

[Architecture](#)

[Videos](#)

CONTACT

[Press](#)



What Makes an application Successful?

- Oracle APEX user interface
 - Themes
 - Comprised of templates
 - Oracle supplies many, you can develop your own
 - Technologies
 - Image sprites, CSS 3, XHTML Strict
 - Cross browser compatibility
 - jQuery
 - Modernize applications by switching themes
- Separation of look and feel and application logic

Visually Pleasing

- Runs within the database
 - Application logic and data on same tier = less network traffic
 - Leverages database functionality; SQL, bind variables, result set caching, RAC, analytics, DB buffer cache, ...
- Stateless
 - Session state maintained within database
 - Sessions not processing or generating pages have zero load on the server
- Scalable
 - Scales up to large systems with 100,000' s of online users
 - Scales down to your laptop

Fast

- Browsers
 - Firefox, IE, Safari, Chrome
- Mobile
 - iPhone, iPad, Android
- Operating Systems
 - Everywhere Oracle runs, Solaris, Windows, Linux, HP-UX, AIX ...
- Hardware
 - From laptops to clusters of large SMP' s to Exadata

Run Everywhere

- Clear navigation and page flow
- Obvious indication of application context
- Intuitive controls
- Easy for the novice
- Full featured for power users

Intuitive

- Real time data access
- Ability to customize
- Edit data online
- Localization
- Secure role aware applications

Dynamic

Visually Pleasing



Application Express

Fast

Cross Platform

Intuitive

Dynamic