

*Rapid Development of
Web Applications with HTML DB*

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Presented By:

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Technical Advantage Associates



Agenda



- Overview
- Components and Features
- Creating a New Application
- Adding Page Components
- Types of Systems
- Q & A



HTML DB

Overview



What is HTML DB?

- A RAD tool for developing web apps in a browser-based, declarative manner with wizards
- An application stored as meta-data and rendered at run-time
- Dynamically generated HTML that is fast!
- PL/SQL - No Java
- Allows you to perform any task that you can accomplish in SQL or PL/SQL
- Web-based team development environment



HTML DB's History

- Concepts based on WebDB
- Developed as underlying technology for Oracle Web Calendar (1999)
- In 2000, Larry Ellison gave his blessing to continue but he wanted a hosted service
- First launched as service in June, 2002 under the name “Project Marvel”
- Decision to productize came in Sept., 2002
- On 1/31/2004, HTML DB became a support component of Oracle 10g and 9iR2



Installation vs. Hosted Service

- Oracle provides a hosted HTML DB service at htmldb.oracle.com where you can Apply for a free account
- You can also download and install locally
 - Run the installation script on any 9.2.0.3 or better database. Also requires Apache listener.
 - Export / Import applications from hosted service to your local system
- Included as part of the Oracle 10g Release
- Excellent support via OTN discussion forum (<http://otn.oracle.com/products/database/htmldb/index.html>)



Download from htmldb.oracle.com

- Uses an Apache server with mod_plsql.
Requires configuration of a DAD
- Can also use:
 - 9iAS (mod_plsql is standard)
 - OC4J (requires mod_plsql from DBPrism)
- <http://www.dbprism.com.ar/dbprism/doc/docs/OC4J.html>
- Requires 9.2.0.3 of the database or higher
- Excellent installation guide included



When to Use HTML DB

- You are, or have developers who are, skilled in SQL and PL/SQL
- Your application is database-centric
- Your application can be developed using a hosted service
- You are comfortable with a declarative/4GL programming model
- You want to migrate an Access / Excel application to Oracle
- You have a web application to develop



Components and Features



Main Components

- **SQL Workshop**
 - Interact with your database as with SQL*Plus, but visual
 - Data dictionary and object browsing, query by example
- **Data Workshop**
 - Load and extract data from the database
 - Turn a spreadsheet into a table in a few seconds
- **Application Builder**
 - Centerpiece of HTML DB
 - Loaded with wizards
 - Reports, forms and charts
 - Connect pages using branches
 - 75 pre-defined widgets
 - Basic HTML, pop-up lists, calendars, etc.
 - Full data entry validation



HTML DB Welcome Page

ORACLE
HTML DB

User: WRDJOCK@EARTHLINK.NET



Home



Build



SQL



Data



Logout



Help

Development

Administration

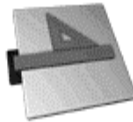
Start About

HTML DB Home

Customize

Welcome to HTML DB

With HTML DB you can build database-centric HTML Web applications. Use the Builder to construct pages that will constitute your application. Use the SQL Workshop and the Data Workshop to run SQL and add data.



Application Builder



SQL Workshop



Data Workshop



Administration

Development

HTML DB is an online development environment that enables developers to build applications using a Web browser.

Tasks

- Review Demonstration Applications
- Manage Developers
- Monitor Activity
- HTML DB How-To's
- OTN Discussion Forum
- Download Preview Release

1.4.3.00.30

Application Builder

User: WRDJOCK@EARTHLINK.NET

Application

Pages

Wizards

Utilities

Home Processes Items Computations NavBar Tabs LOVs Trees Lists Menus Shortcuts WebServices Templates Builds Security

HTML DB Home > Builder - Application 9000

Customize

Navigate

- Application list
- Page grid edit
- History
- Reports
- Application utilities

Available Applications: 9000 Sample Application

Current Application: **9000**
Updated: **Wednesday 2003.10.01 19:38:16**
Authentication: SCHEME

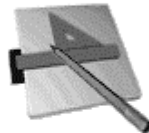
Alias: **SAMPLE_APP**
Owner: **TAA**
Template: Opal Slices



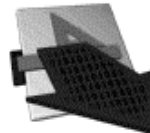
Run



Create Application



Edit Attributes



Export / Import

Edit Page:

View Mode: List Detail

page list

page count: 16

1. Home	206. Confirm Order
101. Login	300. Products
200. Orders	301. Product Information
201. Enter Order Header	302. Products by Category
202. Select Items for this Order	303. Products in Category "&P303_CATE
203. Order Details	400. Customers
204. Order Revenue by Day	401. Customer Information
205. Orders by Customer	500. About

Application Builder

An application is a collection of pages that share a common session state definition and authentication method.

To locate a specific application, make a selection from the available application list and click **Go**.

To edit a specific page, enter the page ID in the Edit Page field and click **Go**, or click the page name.

Tasks

- Manage Developers
- Monitor Activity
- Review Demonstrations
- Change Password
- Extend this Application
- Delete this Application



More Features

- Session and State Management
 - Each user has a session
 - Valid username/password is required
- User Interface Control
 - Look-and-feel is separate from application logic
 - Extensive templates at a variety of levels
- Flexible Authentication and Authorization Schemes
 - Can use pre-built / built-in methods or custom
- Extensive Navigation Control
 - Tabs
 - Links
 - Menus
- File upload/download
- Email integration



Creating a New Application



Application Creation Options


User: WRDJOCK@EARTHLINK.NET

Home

HTML DB Home > Builder - Application > Create Application

Select Creation Method Cancel Next >

From Scratch Based on an Existing Application Based on Existing Tables



The image shows a screenshot of a web-based application builder interface. At the top, the user is identified as WRDJOCK@EARTHLINK.NET. Below this is a navigation bar with a 'Home' button and a breadcrumb trail: 'HTML DB Home > Builder - Application > Create Application'. The main content area displays a 'Select Creation Method' dialog box. This dialog has three radio button options: 'From Scratch' (which is selected), 'Based on an Existing Application', and 'Based on Existing Tables'. Each option is accompanied by a stack of window icons representing the resulting application. The 'From Scratch' icon shows a blank window, while the others show windows with content. The dialog also features 'Cancel' and 'Next >' buttons.



Naming the Application

User: WRDJOCK@EARTHLINK.NET

Application

Utilities

Home

HTML DB Home > Builder - Application > Create Application > Create Application Wizard

Creation Method

Name and Authentication

Pages, Tabs, Other Attributes

Parent Tabs (optional)

Page Names

Tabs (optional)

UI Theme

Confirm

Done

Create Application

Cancel

< Previous

Next >

* Name

Alias

* Application

Authentication: HTML DB Authentication

No Authentication

Default Parsing Schema

Globalization Options

Language:

User Language Preference Derived From:

Create Application

An application is a collection of pages that share a common session state definition and authentication method.

Tab and Page Options

User: WRDJOCK@EARTHLINK.NET

Home

HTML DB Home > Builder - Application > Create Application > Create Application Wizard

Creation Method

Name and Authentication

Pages, Tabs, Other Attributes

Parent Tabs (optional)

Page Names

Tabs (optional)

UI Theme

Confirm

Done

Create Application Wizard

Cancel

< Previous

Next >

Application: **11373**

Name: **Issue Tracking**

Pages: 5

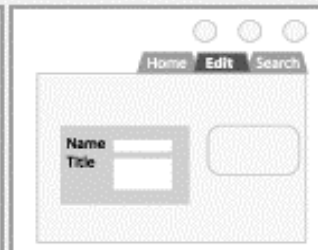
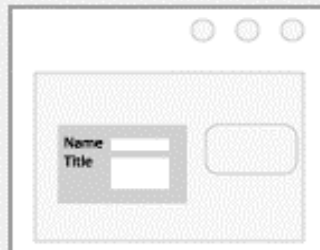
Navigation Bar: Yes

Tabs:

No Tabs

One Level of Tabs

Two Levels of Tabs



Name the Pages

User: WRDJOCK@EARTHLINK.NET

Home

HTML DB Home > Builder - Application > Create Application > Create Application Wizard

Creation Method



Name and Authentication



Pages, Tabs, Other Attributes



Parent Tabs (optional)



Page Names



Tabs (optional)



UI Theme



Confirm



Done

Create Application Wizard

Cancel

< Previous

Next >

Page Page Name

- 1 Home
- 2 Projects
- 3 Issues
- 4 Code Tables
- 5 Reports

Select a UI Template

User: WRDJOCK@EARTHLINK.NET

Home

HTML DB Home > Builder - Application > Create Application > Create Application Wizard

Creation Method

Name and Authentication

Pages, Tabs, Other Attributes

Parent Tabs (optional)

Page Names

Tabs (optional)

UI Theme

Confirm

Done

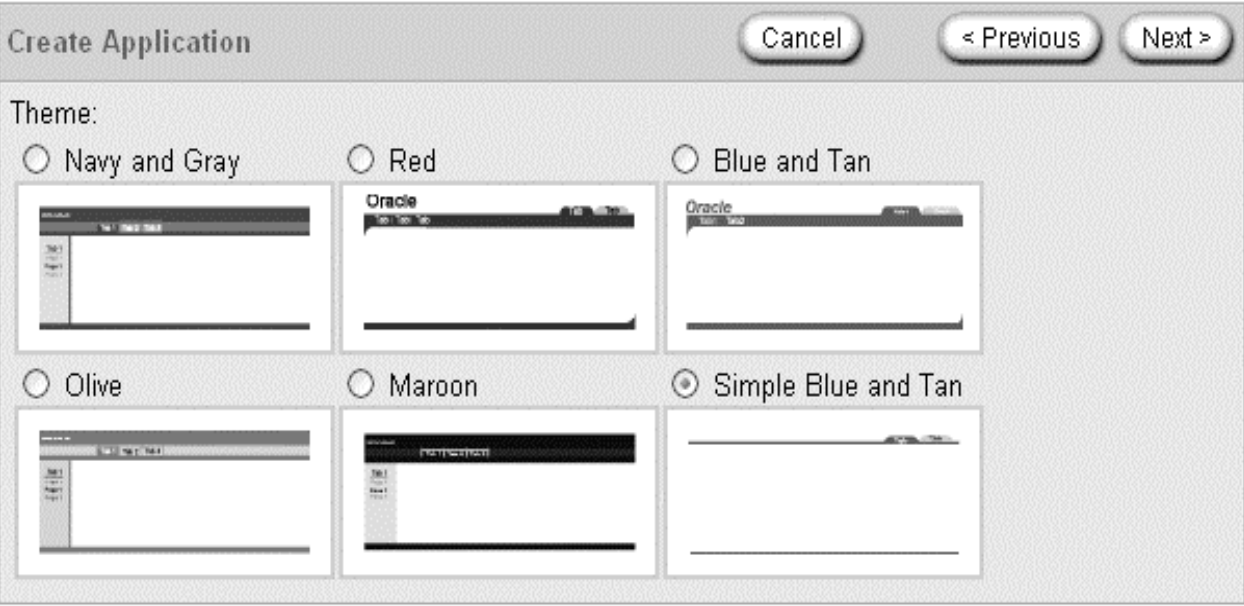
Create Application

Cancel < Previous Next >

Theme:

Navy and Gray Red Blue and Tan

Olive Maroon Simple Blue and Tan

The screenshot shows a web-based wizard interface for creating an application. On the left is a vertical sidebar with a list of steps: 'Creation Method', 'Name and Authentication', 'Pages, Tabs, Other Attributes', 'Parent Tabs (optional)', 'Page Names', 'Tabs (optional)', 'UI Theme', 'Confirm', and 'Done'. The 'UI Theme' step is currently active. The main area is titled 'Create Application' and contains a grid of theme preview boxes. Each box shows a small thumbnail of a web page layout. The themes are: 'Navy and Gray', 'Red', 'Blue and Tan', 'Olive', 'Maroon', and 'Simple Blue and Tan'. The 'Simple Blue and Tan' theme is selected, indicated by a radio button with a dot inside. At the top right of the main area are three buttons: 'Cancel', '< Previous', and 'Next >'. The browser's address bar shows the path: 'HTML DB Home > Builder - Application > Create Application > Create Application Wizard'.

The New Application

User: WRDJOCK@EARTHLINK.NET

Application

Home Processes Items Computations NavBar Tabs LOVs Trees Lists Menus Shortcuts WebServices Templates Bu

HTML DB Home > Builder - Application 11373

▼ Navigate

- Application list
- Page grid edit
- History
- Reports
- Application utilities

✓ Application created.

Available Applications: 11373 Issue Tracking

Go

Current Application: **11373**

Updated: **06/17/2004 02:04:34 AM**

Authentication: SCHEME

Alias: **11373**

Owner: **TAA**

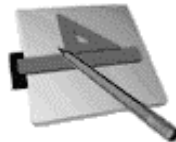
Template: Olive 1 level tabs



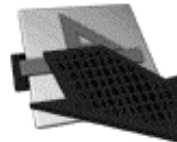
Run



Create Application



Edit Attributes



Export / Import

Edit Page: 1



Go

View Mode: List Detail

page list:

page count:6

1. Home
2. Projects
3. Issues
4. Code Tables
5. Reports
101. Login

A Quick Application

User: WRDJOCK@EARTHLINK.NET

Home Quick Application

HTML DB Home > Builder - Application > Wizards > Quick Application

Creation Method

Table / View Owner

Table / View Name

Application Options

Confirm

Done

Identify Table / View Name

Owner: TAA

Creation Method: As an application on database

* Table / View Name(s):

<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	

Search Dialog - Microsoft Internet Explorer

Search

Close

BRAND_LOOKUP
CHEMORDER
DEMO_ABOUT
DEMO_CUSTOMERS
DEMO_ORDERS
DEMO_ORDER_ITEMS
DEMO_PRODUCT_INFO
DEMO_STATES
DEPT
EMP
INVENTORY
PEOPLE
PLAN_TABLE
PROJECTS
REQUIREMENTS
XXX

Row(s) 1 - 16

A Complete, Generated App

ORACLE®

Logout Help

WRDJOCK@EARTHLINK.NET

Home

Projects

Home



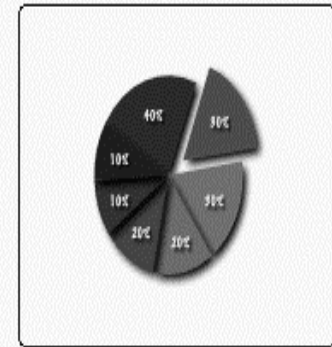
Report and Edit

- Projects



Create New

- Projects



Analyze

- Projects

Edit Application | Edit Page 1 | New | Session | Debug | Show Edit Links

Adding Page Components



Every Page has “3” Components

- Page Rendering
 - Page
 - Regions
 - Buttons
 - Items
 - Computations
 - Processes
- Page Processing
 - Computations
 - Validations
 - Processes
 - Branching
- Shared Components
 - Part of all Pages



Editing a Page

Page:
 



- Run Page
- Edit Item Help

- ▼ Navigate
- ▼ Page Reports

Page Rendering

Page

Name: Report Page Title: Report Page
Alias: Template: SimpleTabs with breadcrumbs
Std. TabSet: TS1 Authorization:
BuildOption: Authentication: Required

Regions

Display Point: Page Template Body (3)
• Q: People (10)
Display Point: Region Position 02
• M: BreadCrums 2 (1)

Buttons

Region: People
• 10: RESET
• 20: CREATE
• item: P2_GO go.gif

Items

Region: People
• 10: P2_CHART_FILTER Hidden
• 10: P2_VALUE Hidden
• 20: P2_REPORT_SEARCH Text Field (always submits page when Enter pressed)
• 30: P2_GO Button
4 Items

Computations

Page "2" has no onLoad computations.

Processes

Page "2" has no onLoad processes.

Page Processing

Computations

Page "2" has no onSubmit computations.

Validations

Page "2" has no validations.

Processes

After Submit

- 1: reset pagination
- 1: clear cache

Branching

After Processing

- 10: Redirect To Page 2

Shared Components

Parent Tabs

Tab Set: Page 2 has no parent level tabs.

Standard Tabs

Tab Set: TS1

- Home

Lists of Values

No shared lists of values used.

Templates

- Region: Portlet
- Label: FormField_Nonrequired
- Button: Einstein Normal
- Menu: breadcrumbs No templates used.

Navigation Bar

- Logout
- Help

Wizards save time

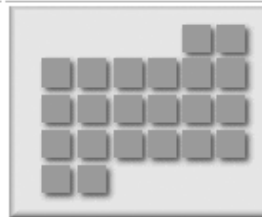
(Click Report with Links...)

Reports



- Easy Report
- SQL Report
- Report with links to form on a table (2 Pages)

Calendar



- Monthly Calendar

Charts



- HTML Chart
- SVG Chart

Wizard



- Simple Wizard

Forms



- Form on a Table or View
- Form on a Procedure
- Form on a SQL Query
- Form on a Table with Report, 2 Pages
- Summary Page
- Tabular Form

Trees



- Tree

Wizards

The following wizards build complete page(s). These wizards are one-time generators. The wizards generate multiple attributes, for example a report wizard generates one page, one region, and multiple buttons. After generation page attributes can be customized to your exact needs.


Query and Update Wizard

HTML DB Home > Builder - Application 11373 > Wizards > Query and Update

- Table / View Owner
- Table / View Name
- Report Page and Region Attributes
- Report Tab (optional)
- Report Columns
- Report Edit Link
- Form Page and Region Attributes
- Form Tab (optional)
- Primary Key
- Form Columns
- Process Options
- Confirm
- Done


Identify Page and Region Attributes for Report Cancel < Previous Next >


Owner: **TAA**
Table Name: **PROJECTS**


* Page 

* Page Name

* Region Title

* Region Template 

Report Template 

Pagination Size 

Select the Report Columns

Identify Columns for Report

Page: 8
Owner: TAA
Table Name: PROJECTS

* Select Column(s)

1.	PROJECT_ID (Number)
2.	PROJECT_TITLE (Varchar2)
3.	DESCRIPTION (Varchar2)
4.	PROJECTED_COST (Number)
5.	REQUESTED_BY (Varchar2)
6.	NEEDED_BY (Date)
7.	TECHNOLOGIES (Varchar2)
8.	NUM_DEVELOPERS (Number)
9.	NUM_DBAS (Number)
10.	STATUS (Varchar2)

Optional WHERE clause

```
start_date > trunc(sysdate) - 90
```

Cancel < Previous Next >

Choose edit button style



Edit Link Image for Report Cancel < Previous Next >

Report Page: 8
Owner: TAA
Table Name: PROJECTS

Edit Link Image:

- 
- 
- EDIT**
- Edit**
- Edit
- Other Image

Use Other Image 

Image Attributes

Select the Form for creating and editing records



Identify Page and Region Attributes for Form

Cancel < Previous Next >

Owner: TAA
Table Name: PROJECTS

* Page 

* Page Name

* Region Title

* Region Template 



Identify the primary key and columns

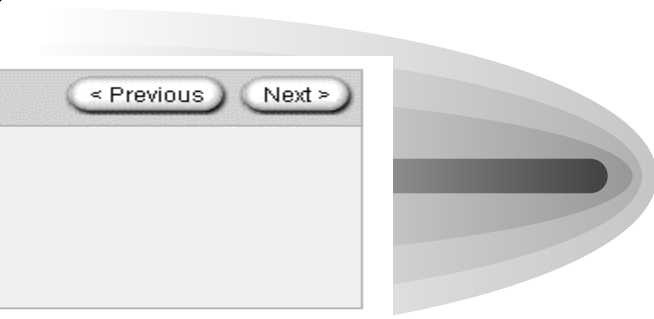
Identify Primary Key Cancel < Previous Next >

Form Page: 7
Owner: **TAA**
Table Name: **PROJECTS**

* Primary Key: **PROJECT_ID**

Primary Key Column 2: **- Select Primary Key 2 -**

- Select Primary Key 2 -
- PROJECT_ID**
- PROJECT_TITLE
- DESCRIPTION
- PROJECTED_COST
- REQUESTED_BY
- NEEDED_BY
- TECHNOLOGIES
- NUM_DEVELOPERS
- NUM_DBAS
- STATUS
- START_DATE



Identify Columns for Form Cancel < Previous Next >

Page: 7
Owner: **TAA**
Table Name: **PROJECTS**

* Select Column(s):

- PROJECT_TITLE (Varchar2)
- DESCRIPTION (Varchar2)
- PROJECTED_COST (Number)
- REQUESTED_BY (Varchar2)
- NEEDED_BY (Date)
- TECHNOLOGIES (Varchar2)
- NUM_DEVELOPERS (Number)
- NUM_DBAS (Number)
- STATUS (Varchar2)
- START_DATE (Date)



Verify optional buttons

Identify Process Options

Form Page: 7
Owner: TAA
Table Name: PROJECTS

Insert: Yes
Update: Yes
Delete: No

Cancel < Previous Next >

I chose to disable the delete button, but alternatively I could have made that button conditional (e.g. for administrators only)



Confirm and Finish

Query and Update Confirmation

Cancel < Previous Finish

You have requested to create a query and update report page with the following attributes. Please confirm your selections.

Application	11373
Report Page	6
Report Page Name	Report on PROJECTS
Report Page Tab Set	
Report Page Tab Label	
Form Page	7
Form Page Name	Form on PROJECTS
Form Page Tab Set	
Form Page Tab Label	
Table / View Owner	TAA
Table / View Name	PROJECTS
Primary Key Column	PROJECT_ID
Updateable Columns	PROJECT_TITLE DESCRIPTION PROJECTED_COST REQUESTED_BY NEEDED_BY TECHNOLOGIES NUM_DEVELOPERS NUM_DBAS STATUS START_DATE
Report Columns	PROJECT_ID PROJECT_TITLE PROJECTED_COST REQUESTED_BY NUM_DEVELOPERS NUM_DBAS STATUS
Where Clause	where start_date > trunc(sysdate) - 90
Process Options	Insert,Update

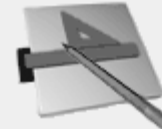
Report page 2 exists, report region added.

Success

The query and update report has been created successfully.



Run Page



Edit Page

Do not show success page in the future



Report and Edit Pages

Projects Create

Edit	Project Title	Projected Cost	Requested By	Num Developers	Num Dbas	Status
<input type="button" value="Edit"/>	Standard Addresses	92000	James Johnson	2	1	Pending
<input type="button" value="Edit"/>	Product Catalog	750000	Frank Zabinski	5	2	Pending

1 - 2

Click on the Edit link
in the Report to modify
the data


Projects Cancel Create

Project Title

Description

Projected Cost

Requested By


Needed By 

Technologies

Num Developers

Num Dbas

Status

Start Date 

Types of Systems



Types of Systems

- Select Journal Article review system (developed in 2 weeks) - used by SELECT editors and reviewers
- Web Collaboration application (developed in 2 days)
- Oracle internal and external applications:
 - AskTom (<http://asktom.oracle.com>)
 - Developer Trends (<http://devtrends.oracle.com>)
 - HTML DB hosted site (<http://htmldb.oracle.com>)
- Chicago Police Dept Property Tracking system
- Systems for International Society of Infectious Disease



Select Journal Article Review



Messages

Welcome TDHITAL

Please update your personal information by clicking the button below.

Articles you have downloaded

Show all (including articles with posted reviews)

Manage your profile

Select Interest Areas

Update Your Personal Information

Articles in your interest area(s)

DOWNLOAD	FULL_TITLE	SUMMARY	SUBMISSION DATE
	INTERNALS OF REAL APPLICATION CLUSTER	If you have a system that needs to be up and running a few m ...	04-FEB-03
	Jumpstarting on 9iRac	Oracle's Real Application Clustering feature has created qui ...	24-MAR-03
	CATS, DOGS, AND ORA-01555	There are numerous reasons DBAs and application	07-APR-03

Web Collaboration Application

TJEDLINSKI



Action Processed.rating submitted

Home

Idea List

My Ratings

Concept

[Return to List of Concepts](#)

[Return to My Ratings](#)

Name Promotional Give-Aways

Description Build Sales of custom promotional give-aways. Jingle Buddies Promo-Special Markets is already working with the Cubs organization. Expand this idea to other organizations.

Rating

[Create Pros, Cons And Comments](#)

Ideas

Build Sales of custom promotional give-aways. Jingle Buddies Promo-Special Markets is already working with the Cubs organization. Expand this idea to other organizations.

Row(s) 1 - 1 of 1

Pros

DESCRIPTION	USERNAME	SUBMITTED_DATE
Since this is something we can do and can do well it presents a great opportunity for us to do more of it to build sales.	JZAPF	19-JUN-03
We have the core competencies to do this. There is tremendous potential in the premium business. We need a dedicated sales team to make great strides in it though.	JACHESON	20-JUN-03

Row(s) 1 - 2 of 2

Cons

Comments

DESCRIPTION	USERNAME	SUBMITTED_DATE
This promotional effort not only builds sales but more importantly builds brand and company awareness with the consumer	DPLISZ	18-JUN-03

AskTom

Address  http://asktom.oracle.com/pls/ask/f?p=4950:1:



Home

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Search



Hit	Subject	Last Updated	First Asked	Age
1.	Backup and Recovery	23 Mar 2004	21 Mar 2002	2 years old
2.	Performance comparison between SQL and PL/SQL stored procedures	23 Mar 2004	02 Apr 2001	3 years old
3.	Mized size of packages causes inefficiency?	23 Mar 2004	06 Jun 2002	1.8 years old
4.	Explain Plan	23 Mar 2004	22 Mar 2004	1 days old
5.	Confusion in the interpretation of V\$LIBRARYCACHE columns	23 Mar 2004	21 Jul 2000	3.7 years old
6.	Analytical Functions	23 Mar 2004	13 Mar 2004	10 days old
7.	Retrieve duplicate values of a field in a table.....	23 Mar 2004	29 Nov 2000	3.3 years old
8.	Login.sql and partitions nad &_&&	23 Mar 2004	17 Nov 2001	2.4 years old
9.	Calculating an exact percentile value in 8i	23 Mar 2004	23 Mar 2004	16 hours old
10.	how to extract BLOB data back out again	23 Mar 2004	23 Mar 2004	16 hours old

1 - 10 [Next](#) >

Messages...

» **I've updated the documentation links (finally) in the Q&A's** if you find a dead link to technet documentation -- please take a second to put a "review" on that page -- i might have missed a couple of "mappings". If so, I have a quick update routine for it now and can fix them. Just let me know.

Status

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

To ask a question click on the "Submit a New Question" button or [Ask A Question](#).



Infectious Disease Institute

Address  <http://www.promedmail.org/pls/askus/f?p=2400:1000>



INTERNATIONAL SOCIETY
FOR INFECTIOUS DISEASES

Navigation

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The global electronic reporting system for outbreaks of emerging infectious diseases & toxins, open to all sources. ProMED-mail, the Program for Monitoring Emerging Diseases, is a program of the International Society for Infectious Diseases.

Today on ProMED-mail

March 24, 2004

No Reports yet today.

March 23, 2004

- [PRO/AH> Avian influenza, poultry vaccines \(07\)](#)
- [PRO/AH/EDR> Avian influenza, H7, poultry - Canada \(BC\)\(08\)](#)
- [PRO/EDR> Legionellosis, hotel - USA \(TX ex OK\)](#)
- [PRO> Salmonella strains - RFI](#)
- [PRO/AH/EDR> Rabies, raccoon - USA \(NC\)\(02\)](#)
- [PRO/AH> BSE, bovine - USA \(WA\)\(18\)](#)
- [PRO/AH> Chronic wasting disease, cervids - USA \(IL\)\(03\)](#)
- [PRO/EDR> Burkholderia cepacia, nasal spray - USA: recall](#)
- [PRO/AH/EDR> Dolphin die-off - USA \(FL\)\(03\): Domoic acid](#)
- [PRO/AH/EDR> Avian influenza, human - East Asia \(34\)](#)
- [PRO/AH> Avian influenza - Netherlands \(06\)](#)

Postings from last 30 days...

Latest Information on Avian influenza

- [23-MAR-2004 / Avian influenza, poultry vaccines \(07\)](#)
 - [23-MAR-2004 / Avian influenza, H7, poultry - Canada \(BC\)\(08\)](#)
 - [23-MAR-2004 / Avian influenza, human - East Asia \(34\)](#)
 - [23-MAR-2004 / Avian influenza - Netherlands \(06\)](#)
 - [22-MAR-2004 / Avian influenza - Eastern Asia \(55\)](#)
- [More...](#)

Latest Information on Severe Acute Respiratory Syndrome (SARS)

- [25-FEB-2004 / Calendar 2004 \(02\): Intl. Conf. on SARS](#)
- [12-FEB-2004 / SARS - worldwide \(14\): travel advice](#)



ProMED-Port,
Português



ProMED-ESP,
español



Chinese Page



Japanese Page

Summary

- Powerful new technology
- Relatively easy to use
- Fast
 - Development time (RAD tool)
 - Speed of deployed applications
- Secure
- Really works
- Hosted Service or Locally Installed



Where to Go for More Information

- htmldb.oracle.com
- metalink.oracle.com
- technet.oracle.com
- ODTUG Technical Journal
- The TUSC Website (www.tusc.com)
- My blog (radio.weblogs.com/013334)

“The Oracle HTML DB Handbook” by
Jeff Bernknopf and Brad Brown
(Oracle Press) - Available later this year



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If you have any questions or comments about HTML DB, you can contact me at:

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Questions and Answers

