LEARNING
oracle-apex

#oracle-apex

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About

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Chapter 1: Getting started with oracle-apex

Remarks

This section provides an overview of what oracle-apex is, and why a developer might want to use it.

It should also mention any large subjects within oracle-apex, and link out to the related topics. Since the Documentation for oracle-apex is new, you may need to create initial versions of those related topics.

Versions

Version	Product Name	Released
1.5	HTML DB	2004-01-01
1.6	HTML DB	2004-06-01
2.0	HTML DB	2005-01-01
2.1	Application Express	2006-01-01
2.2	Application Express	2006-06-01
3.0	Application Express	2007-01-01
3.0.1	Application Express	2007-07-01
3.1	Application Express	2008-03-01
3.2	Application Express	2009-01-01
4.0	Application Express	2010-06-01
4.1	Application Express	2011-08-01
4.1.1	Application Express	2012-02-01
4.2	Application Express	2012-10-01
4.2.1	Application Express	2012-12-01
4.2.2	Application Express	2013-04-01
4.2.3	Application Express	2013-09-01
4.2.4	Application Express	2013-12-01

Version	Product Name	Released
4.2.5	Application Express	2014-04-01
4.2.6	Application Express	2014-09-01
5.0	Application Express	2015-04-01
5.0.1	Application Express	2015-07-01
5.0.2	Application Express	2015-10-01
5.0.3	Application Express	2015-12-01
5.0.4	Application Express	2016-07-01
5.1.0	Application Express	2016-12-01
5.1.1	Application Express	2017-03-01
5.1.2	Application Express	2017-06-28

Examples

Installation or Setup

When you install Oracle 11g or 12cR1, an older version of Apex is pre-installed. It is highly recommended to upgrade it to the latest version.

1. Go to apex.oracle.com and download the latest version of Apex.

2. Follow the documentation for the specific version to install it.

3. Important Documentation Link for Recent Three Release

1. Oracle Application Express Release 4.1

2. Oracle Application Express Release 4.2

3. Oracle Application Express Release 5

4. Oracle Application Express Release 5.1

5. If you are Oracle Apex Developer then visit Denes Kubicek Demo Application once which solves your many problems.

Apex.world

Register at apex.world today! apex.world is the center of everything APEX - jobs, tutorials, Twitter feeds, newsletters, plug-ins, and more!

Oracle Learning Library

Oracle Learning Library gives you idea about how to use oracle apex in Real world.

Site Built With Apex

Site Built With Apex which shows list of application built with Oracle application express.

Hello World application

Steps to create "Hello, World!" application in Oracle Application Express:

1. Log in to your workspace.
2. Click `Application Builder`. Application Builder page opens.
3. Click `Create`. Page with 4 application types appears. Page contains short help text about each application type.
4. Click `Desktop`. Page with some application properties appears. Choose:
    - `Schema`: default database schema for the application.
    - `Name`: the name of your application. By default it will be displayed in the page header on all pages.
    - `Application`: ID number, which have to be unique through all workspaces. By default APEX suggests next free number.
    - `Theme` and `Theme Style`: define appearance of application pages.
5. Click `Create Application`. Application is ready to launch.
6. Click `Run Application`. Login page of your application appears.

Created desktop application have two pages by default: login page and Home page. Home page have restricted asccess, to see it enter login and password for your APEX workspace.

Try for free

You can request free Oracle Application Express workspace on official site: apex.oracle.com.

Read Getting started with oracle-apex online: https://riptutorial.com/oracle-apex/topic/2759/getting-started-with-oracle-apex

Chapter 2: Tabular Forms

Examples

Process a Tabular Form

When a tabular form is posted, the items in each record are available to PL/SQL code via the "APEX_APPLICATION.G_Fnn" arrays. G_F01 corresponds to the first editable column, G_F02 to the 2nd, and so on. For example, you can loop through each record and access the posted values for each field as follows:

```
FOR i IN 1..APEX_APPLICATION.G_F01.COUNT LOOP
  htp.p('Column A row '||I||' has a value of '||APEX_APPLICATION.G_F01(i));
  htp.p('Column B row '||I||' has a value of '||APEX_APPLICATION.G_F02(i));
END LOOP;
```

If the first column is a checkbox, only checkboxes that were checked will have an entry in the array:

```
FOR i IN 1..APEX_APPLICATION.G_F01.COUNT LOOP
  htp.p('Checkbox on row '||APEX_APPLICATION.G_F01(i)||' was checked');
  htp.p('Column B on that row has a value of '
        ||APEX_APPLICATION.G_F02(APEX_APPLICATION.G_F01(i)));
END LOOP;
```

Read Tabular Forms online: https://riptutorial.com/oracle-apex/topic/3368/tabular-forms

Credits

S. No	Chapters	Contributors
1	Getting started with oracle-apex	Community, Cristian_I, Dmitry, Jeffrey Kemp, Pars
2	Tabular Forms	Jeffrey Kemp