

## What's New

### 23c Feature a Week

Learn about this week's feature: **Schema Privileges**. Loads of information through videos, blogs, and existing documentation to know more about this feature.



*Bookmark this page to learn a feature every week.*

### 23c Developer Role Feature

Starting with Oracle Database 23c, quickly assign relevant privileges to developers by granting a single role: `DB_DEVELOPER_ROLE`.



### 24c Enterprise Manager Sneak Peek

Want a sneak peek at Oracle Enterprise Manager 24c? Don't miss Oracle Enterprise Manager Technology Forum to be held during June 27-29, 2023.

### 23c Free Developer Release

Oracle database is committed to giving developers what they want, how they want it. That's why we're giving developers a head start on the new long-term support release of Oracle Database with Oracle Database 23c Free – Developer Release. And yes, for free!

## From the Desk of the Editor

Here is the June edition of the App Dev newsletter. This is our chance to highlight the latest stories to keep you updated on-the-go. We love to have your feedback and what else you want to be included in this newsletter. You can always email us with feedback, suggestions, comments, and corrections at [bill.sawyer@oracle.com](mailto:bill.sawyer@oracle.com) and [priya.p.sharma@oracle.com](mailto:priya.p.sharma@oracle.com).

## Top Stories

### Develop MongoDB Applications with Oracle ADB

Oracle Autonomous Database (ADB) offers powerful capabilities for developing applications with high-performance ACID transactions and robust security, including native support for JSON data.

[Read more!](#)

### Introducing the GraalVM Free License

Know about all the changes being included in GraalVM, with its release schedule planned to move to every six months to align with the JDK.

[Read more!](#)

### Oracle ACE Program Overview

Watch this short video to hear how you can join the Oracle ACE program, which celebrates and rewards global technical experts and community leaders.

[View Video!](#)

## Developer Quiz

I write the following block of code:

```
set serveroutput on
declare
  product_code ##REPLACE## := '1234';
begin
  dbms_output.put_line ( lpad ( product_code, 10, '0' ) );
end;
/
```

Which of the choices (multiple options can be selected) given below can go in the `##REPLACE##` section above, so when you run the anonymous code block, it displays:

```
0000001234
```

**Answer 1**

char(4)

**Answer 2**

char(10)

**Answer 3**

char(255)

**Answer 4**

varchar2(4)

**Answer 5**

varchar2(10)

**Answer 6**

varchar2(255)

**Answer 7**

clob

Answer(s) are below.

## Oracle APEX News

### Announcing the New Oracle APEX Developer Professional Learning Path!

Dive deeper into the exciting world of low-code application development with Oracle APEX. Learn complete application development in detail, specially designed and developed by the APEX Team. Along with learning the concepts in theory, indulge in practical learning with the Hands-on-Labs.

Enroll now for Free at: [APEX Professional Learning Path](#)

### The Oracle APEX Developer Professional 2023 Certification is here!

The all-new upgraded Oracle APEX certification has finally arrived. Stand out among your peers, and prove to everyone that you know how to rapidly build robust apps using APEX.

Get more details about this certification here: [APEX Developer Professional Certification](#).

Get your Oracle APEX Foundations Badge! Enroll in this self-paced training course to build enterprise apps 20x faster with 100x less code. [Enroll in the course for free!](#)

## Events and Event Replays

### ODTUG Kscope23 Conference

ODTUG Kscope is the premier educational conference for Oracle technology users, attracting Oracle experts from all over the globe. No other conference in the Oracle world features this kind of development-specific training and content.

This year, the conference is being held from June 25 – 29, in Aurora, Colorado, USA. Register today to be a part of “The ODTUG Kscope Experience”.

[View Agenda](#)

[Register](#)

### Oracle Community Yatra (OCYatra) 2023

Scheduled in six cities across India, collaborate with the Oracle India community and learn directly from experts. Join us on Yatra and meet industry Gurus /celebrities. Interact with the experts and dive deep into different skill areas.

[Register](#)

## Data Management at Oracle CloudWorld 2023

Scheduled to be held in Las Vegas from September 21 – 23, Learn how to maximize the value of your data with the latest innovations in Oracle Autonomous Database, Oracle Database, Exadata, and MySQL HeatWave. Know what's coming in the next major Oracle Database release – Oracle Database 23c – and how you can put it to use in your environment.

[Register](#)[See the Sessions](#)

With keynotes, learning sessions, hands-on labs, and opportunities to interact with the Oracle Database development team and your peers, attending CloudWorld will put you on the fast track to being a data innovator.

## Oracle Database World 2023 Replays

Gain practical, technical knowledge on developing modern data-driven apps from experts and architects behind Oracle Database. Watch the replays.

[Watch Replays](#)

Quiz Answers: 1, 4, 5, 6, 7



## Ask Tom Events

- [Database In-Memory](#), June 28th.
- [JSON in Oracle Database](#), July 11th.
- [Database Security](#), July 12th.
- [Write Great SQL](#), July 18th.
- [APEX - JAPAC](#), July 20th.
- [General Database](#), July 20th



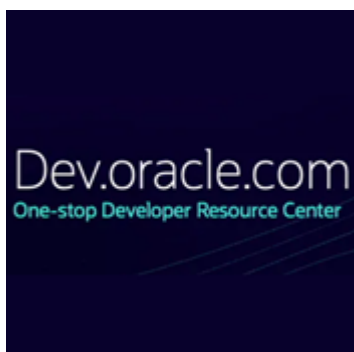
## Learn more... for free!

**Build Expertise** with hundreds of Oracle workshops on a variety of Oracle products, 24x7 for free, on [Oracle LiveLabs](#).

**Learn, Write, and Share SQL** at Oracle's interactive [Live SQL](#) site, built with Oracle APEX running on Oracle Database.

**Build Muscles** at [Oracle Dev Gym](#) by taking workouts, quizzes and even entire classes on SQL, PL/SQL, database design, logic and more.

**IN BETA:** [SQuizL](#), for fun and learning



## Useful links to keep your skills sharp

**Blogs:** [Oracle Developers](#) | [Oracle Database Insider](#) | [Oracle Cloud Infrastructure](#) | [Oracle APEX](#)

**Videos:** [Oracle's Database Product Management YouTube channel](#)

**Websites:** [Oracle Database](#) | [Oracle Autonomous Database](#) | [Oracle Developer Resource Center](#) | [Oracle Developer Tutorials](#)

## Stay Connected



