

Developers

Developer Playground Keynote: Building Intelligent, Cloud Native Applications

Intelligent applications use machine learning and data from multiple sources to make predictions and suggestions, delivering personalized user experiences and enabling better decisions. Developers should attend this keynote session to learn how to build cloud native, serverless apps using machine learning algorithms in a transactional-analytical database and cloud infrastructure, which provide high performance, security, and availability.

Low Code Development with Oracle Autonomous Database

Develop solutions faster, at lower cost, and with greater consistency on a fully managed cloud service from Oracle. The Autonomous Database now includes Oracle APEX, a Low Code application development platform that enables your organization to be more agile and solution driven.

Hands-on Lab: Low Code Development with Oracle Autonomous Database

Develop applications faster, for lower cost, and with greater consistency. The Autonomous Database now includes Oracle APEX, a low code application development platform that enables your organization to be more agile and solution driven. This workshop gives you hands-on experience developing applications using Oracle APEX in the Oracle Cloud. Learn how to:

- Create an Autonomous Transaction Processing instance
- Access APEX in the Oracle Cloud
- Create an APEX Workspace
- Create an application from a file
- Use Quick SQL to create database objects
- Use SQL Developer Web to access database objects
- Use SQL Developer Web to create data model
- Create and modify an APEX Application

Cloud Native Served Two Ways

Cloud native development encompasses a constantly evolving set of practices and emerging technologies. Container workflows have become standard, leveraging Kubernetes to abstract infrastructure resources and deploy and scale complex systems with ease. The advent of serverless provides even-more-powerful abstractions and promises potentially greater efficiencies for native cloud development. This session demonstrates these two paths to cloud native, first with a web application leveraging microservices running on Kubernetes and then the same application implemented with serverless functions. The presentation discusses the pros and cons of each architecture and why you might choose one over the other.

Oracle Autonomous Database Development Best Practices

Autonomous database gives the developer a path to hands free application continuity during maintenance, automated performance tuning, workload optimized connection services and more. In this session we will review the best practices in incorporating Autonomous into new projects while highlighting features and techniques to achieve operational excellence in Oracle Cloud.

*The abstracts are subject to change.