Oracle OpenWorld 2019

SAN FRANCISCO

ORACLE

Leveraging Visual Studio Code for Oracle Database Development

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Oracle

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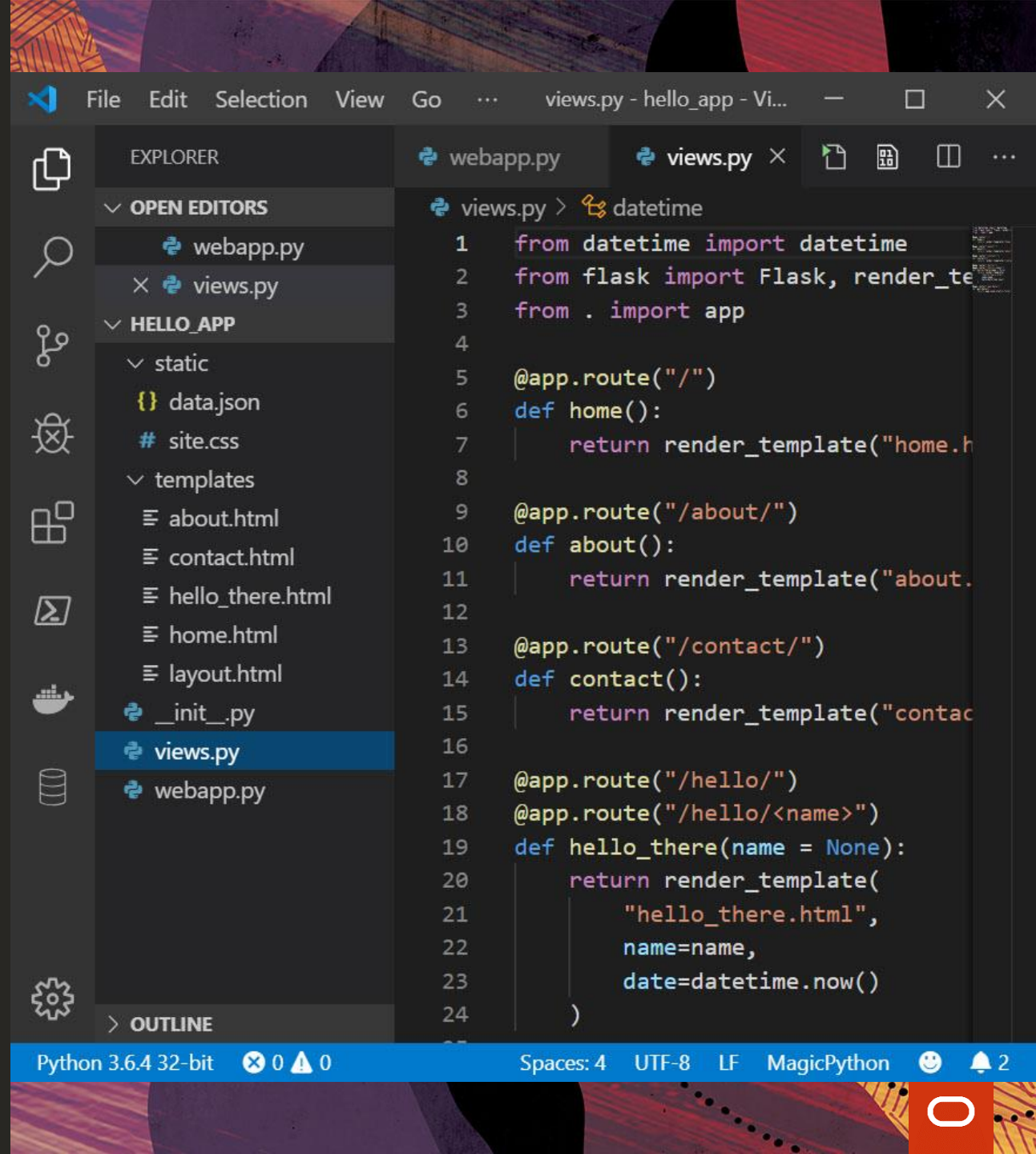
Visual Studio Code

The most popular developer environment today



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Why is Visual Studio Code so popular?

Free

Supports Linux, Windows, macOS

Debugging support, Git built in, Great documentation

Very extensible, supports most languages: Python, Java, C#, C++, Go, PHP,...

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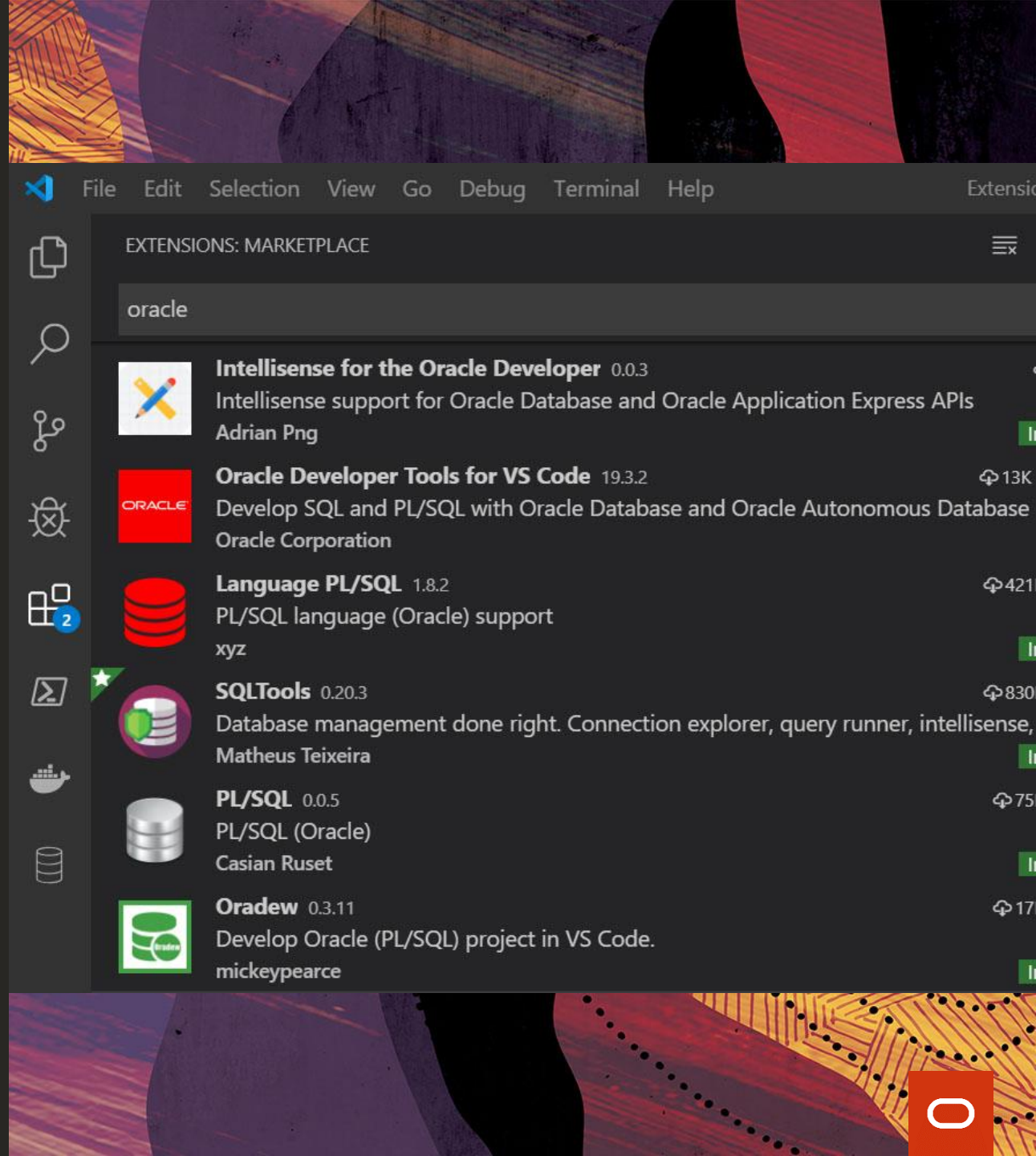
How about Oracle developers?

What about SQL and PL/SQL?

Let's check out the Visual Studio Code Marketplace



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New! Oracle Developer Tools for VS Code

- Free
- Download from Visual Studio Code Marketplace
- Linux, Windows, macOS

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Oracle Developer Tools for VS Code Features

- Connect to Oracle Database and Oracle Autonomous Database
- Edit and Execute SQL and PL/SQL
- View result sets and save results in .CSV and JSON
- Autocompletion and intellisense
- Syntax coloring
- Code snippets

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Oracle Database Explorer

- Explore your database schema
- View table data
- Run Stored Procedures/Functions
- Edit, execute and save PL/SQL in database
- Filter results

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Requirements

- .NET Core Runtime
- One click install - prompted if you are missing it

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DEMONSTRATION

Oracle Developer Tools for VS Code

Try it out

- See quickstart link in Visual Studio Marketplace: https://www.oracle.com/database/technologies/appdev/dotnet/odtvscodequickstart.html

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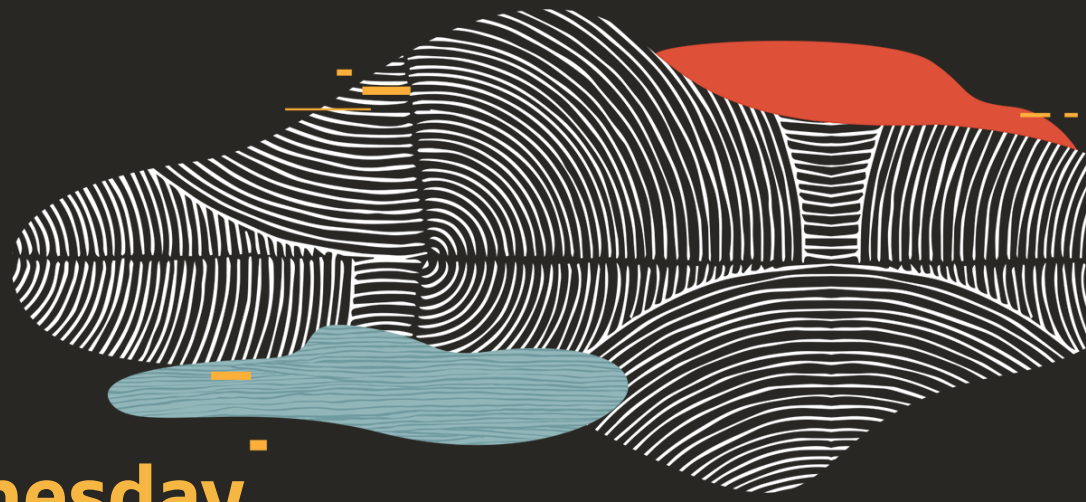
Visual Studio Code Hands on Labs

HOL4642: Building .NET Applications with Oracle Database



Tuesday

2:15-3:15 Moscone West 3019

Wednesday

9:00am-10:00 Moscone West 3019

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Oracle Developer Tools for Visual Studio `

- Free Extension for Visual Studio 2017, 2015 (2019 coming soon)

  Download from OTN and Visual Studio Marketplace

- Tight integration with Visual Studio data features:

  Server Explorer
  Table Adapter Configuration Wizard
  Entity Designer

- Oracle specific features:

  Oracle Designers (Table, View, Stored Proc, AQ, etc)
  PL/SQL Editing/Debugging
  Offline Database Project with Source control integration, much more

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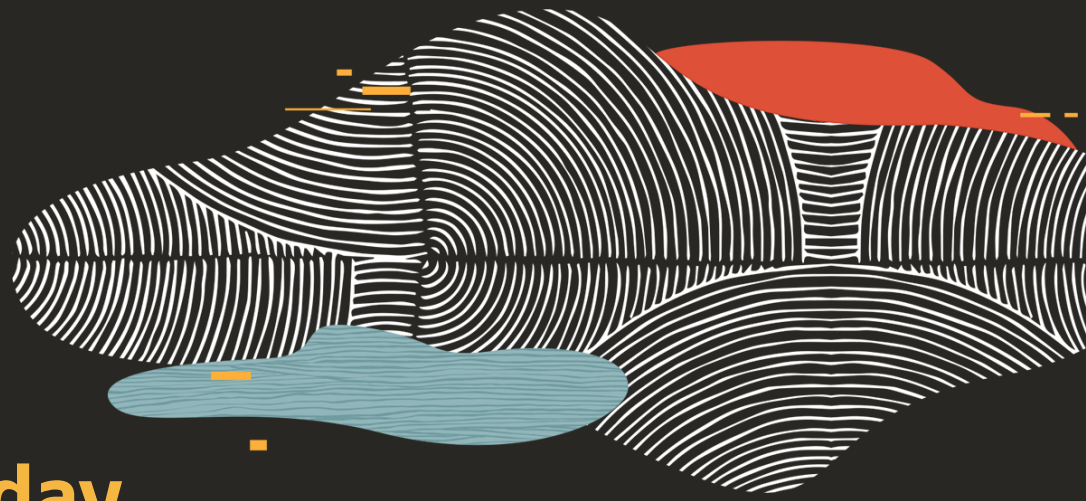
DEMONSTRATION

Oracle Developer Tools for Visual Studio

What's Ahead



Today

6:00-6:45 Developing Secure .NET Applications with Oracle Database

Moscone South 313

Tuesday

11:30-12:15 Getting Started with Oracle and .NET

Moscone South 308

12:30-1:15 Eliminate Application Downtime with Oracle Database and .NET

Moscone South 313

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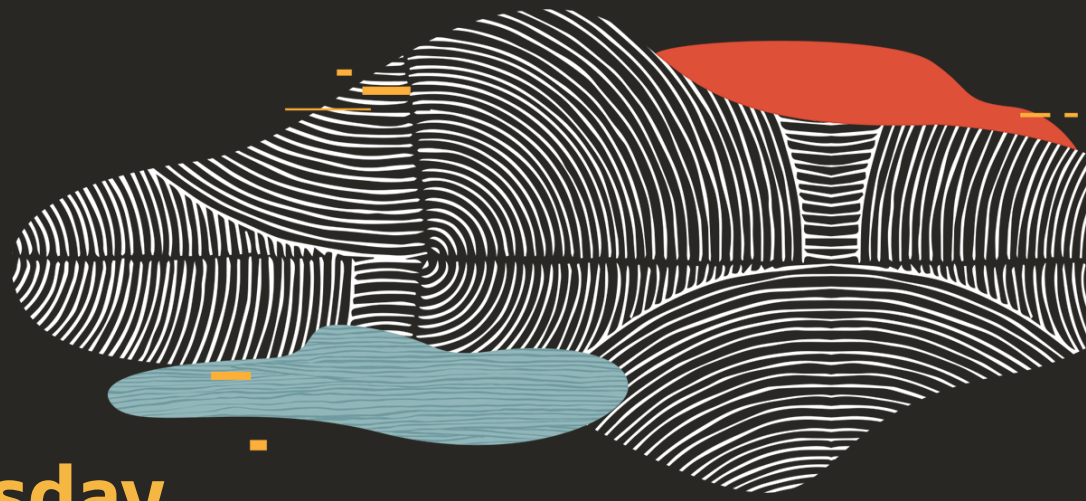
What's Ahead



Wednesday

5:00-5:45 Developing and Deploying Oracle Database Applications in Kubernetes

Moscone South 313

Thursday

9:00AM-9:45 Accelerate Oracle Database .NET Application Performance - Moscone South 313

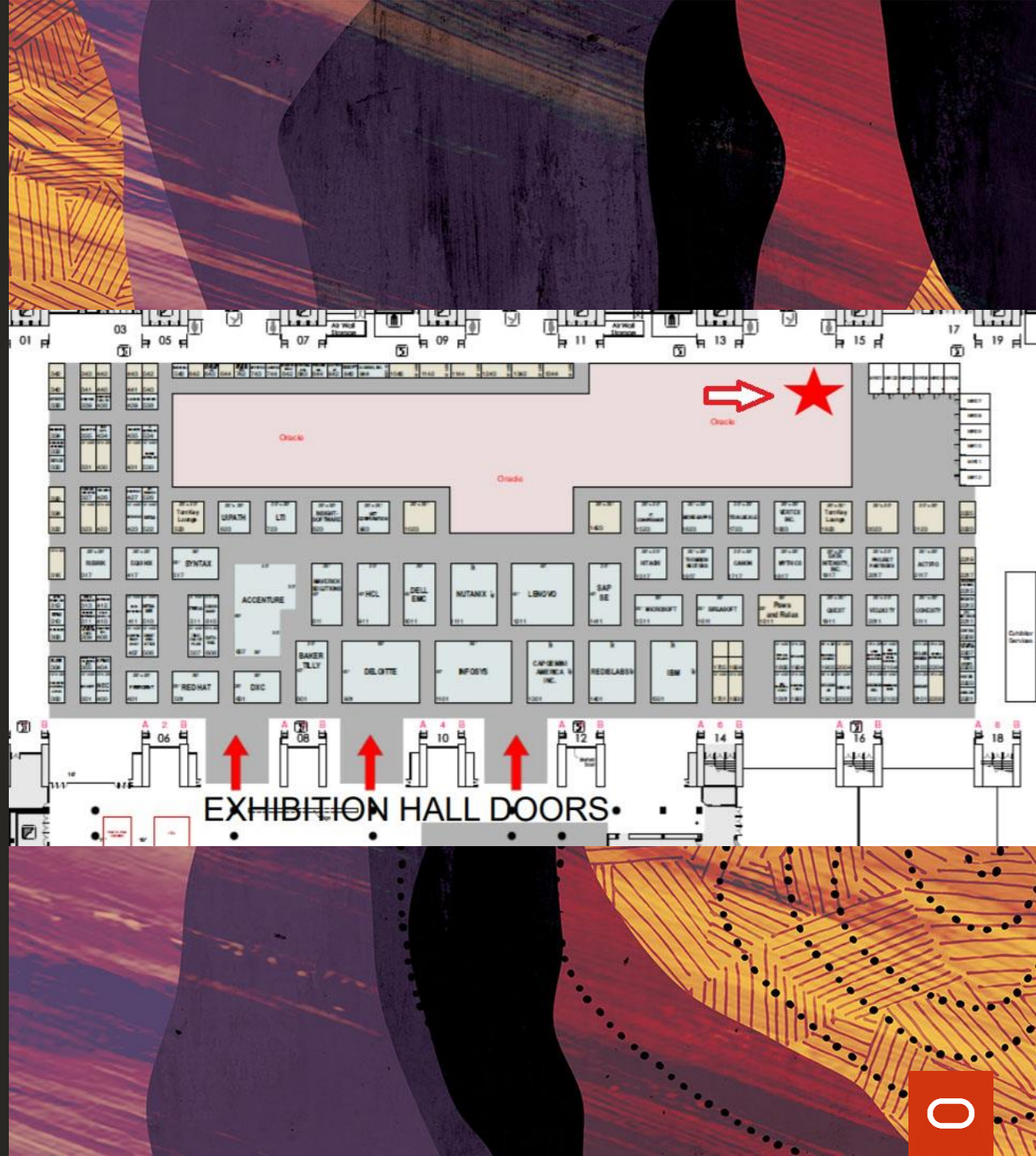
1:15 – 2:00 Exploring the Multicloud: Working with Azure and Oracle Autonomous Database - Moscone South 209

2:15-3:00 Running Oracle Database and Applications in Docker Containers on Windows - Moscone South 313

Get a personalized demo

Visit us in the Moscone South demogrounds

DEV-013: .NET Development and Windows Integration for Oracle Database



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