

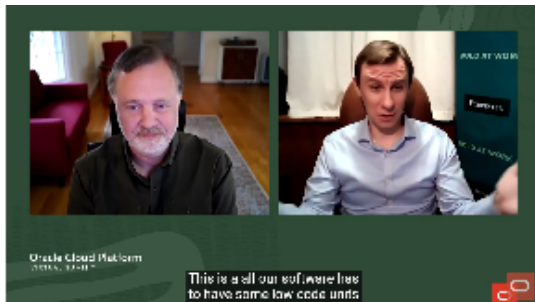


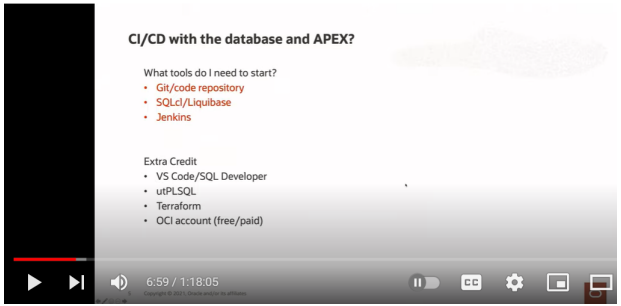
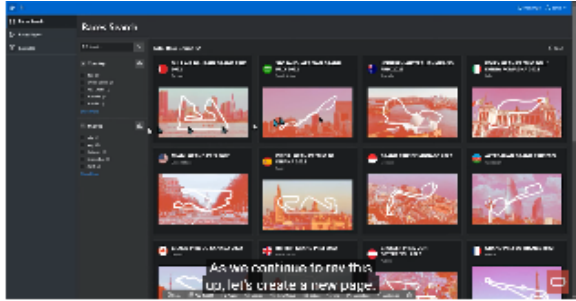

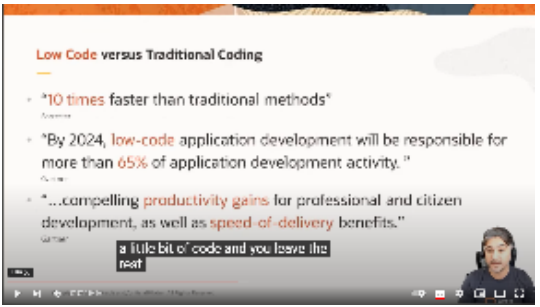
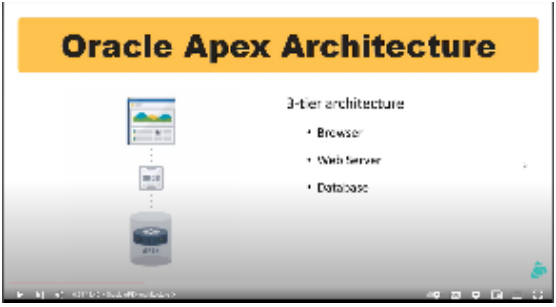
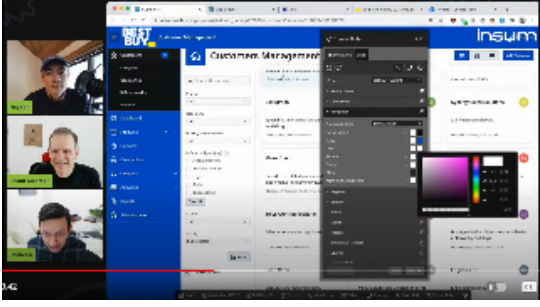
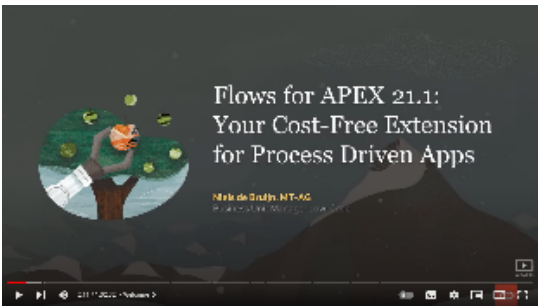
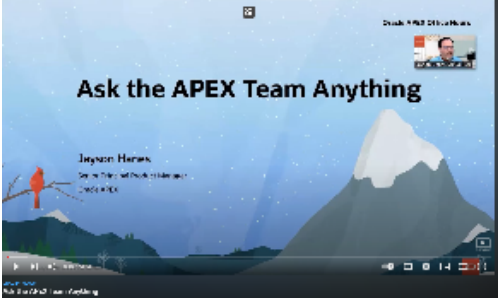
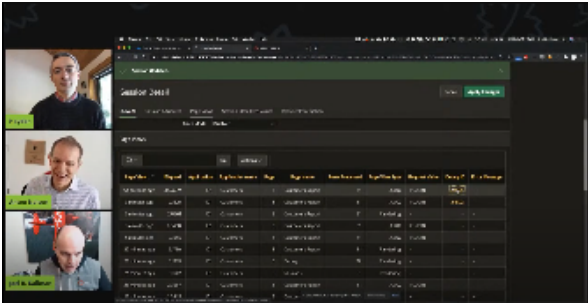
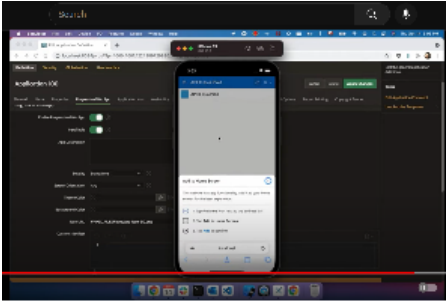
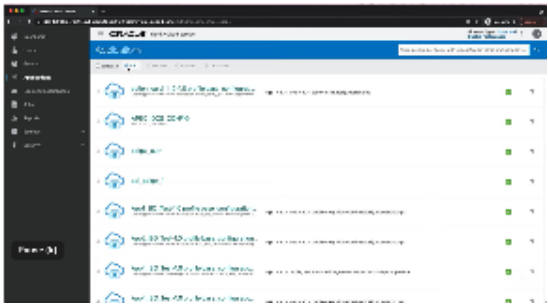
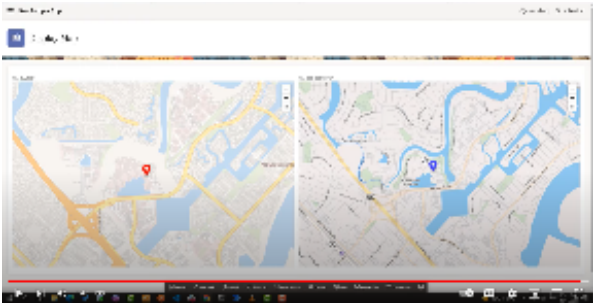


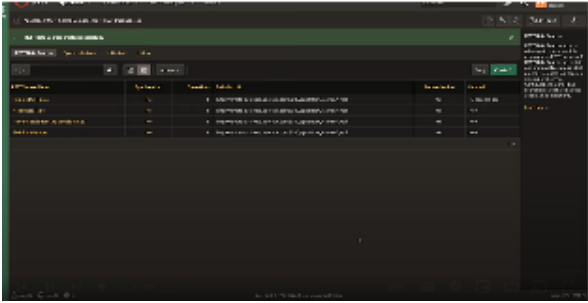
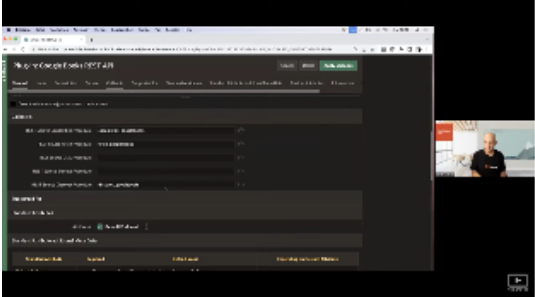
# Apex Videos

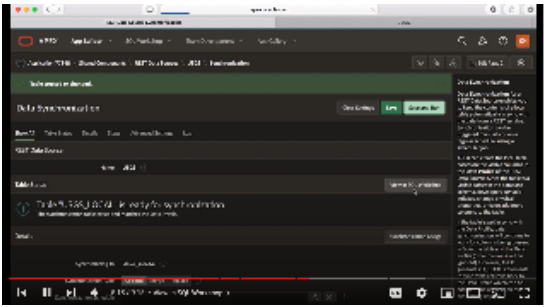
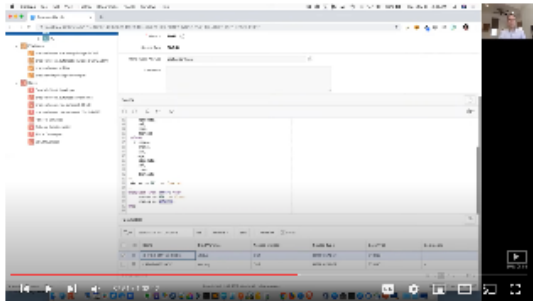
	Name / Links	Author	Duration	Release	Description	Group	Tags	Link
1	<a href="#">What is Oracle Apex?</a>	Shakeeb Rahman	1:41	17-Dec-2021	Oracle APEX is a low-code development platform that enables you to build scalable, secure enterprise apps, with world-class features, that can be deployed anywhere.	Oracle Apex	#Trailer #Overview	
2	<a href="#">Oracle APEX Overview</a>	Joel R. Kallman	10:55	17-Dec-2020	Joel Kallman, co-creator of APEX, provides an overview of APEX, including common use cases, competitive advantages and how APEX can help you respond quickly to rapidly changing business needs.	Oracle Apex	#Overview	
3	<a href="#">Build Applications Faster with Low Code - Trends in Low Code</a>	John Bratincevic, Michael Hichwa	14:55	17-Dec-2020	Senior Analyst John Bratincevic, Forrester, and Michael Hichwa, Senior Vice President, Oracle Database Developer Technologies discuss trends in the low-code industry and how it is shaping bespoke application development.	Low-Code	#Low-Code	
4	<a href="#">Keynote: Oracle APEX Service</a>	Michael Hichwa	14:13	17-Dec-2020	Michael Hichwa, founder of Oracle Application Express (APEX), will cover challenges customers face in app development, as well as new capabilities to help Oracle customers and partners succeed.	Oracle	#Overview #Apex service #Architecture	

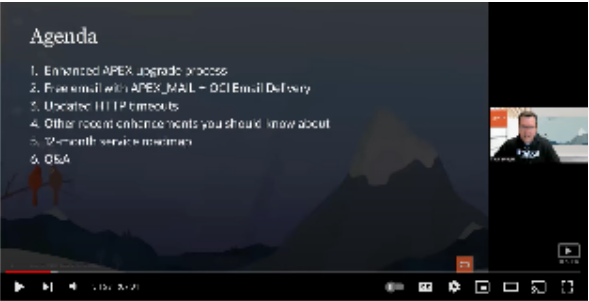
5	<a href="#">APEX Security Checklist</a>	Scott Spendolin	59:49	20-Apr-2020	This session maps OWASP's top ten security vulnerabilities to Oracle APEX and what you as a developer should be aware of. For each relevant vulnerability, both potential issues and solutions are discussed. A recording provided by the awesome APEX community, that built a virtual 24 hour conference called APEX@Home held on	Apex@Home	#Security	
6	<a href="#">Continuous Integration &amp; Delivery (CI/CD) for Oracle Database and APEX Development</a>	Brian Spendolini Jeff Smith	1:13:05	08-Apr-2021	With the rising popularity of DevOps, Oracle Database and APEX developers must evolve to embrace CI/CD pipelines for developing, testing, and deploying database code changes.	Oracle Database Development Tools	#CI/CD	
7	<a href="#">From zero to hero: Rapidly building a mobile F1 app using Oracle APEX I Oracle Database World</a>	Jayson Hanes	19:26	28-Apr-2022	View the full event: <a href="https://oracle.com/databaseworld">https://oracle.com/databaseworld</a> . There are millions of data points tracked by Formula 1 racing for every driver and every race. See us take some of that data and bring it to life by developing an APEX app that incorporates rich interactive data reporting, visualizations, and more to deliver a world-class mobile experience. Contact Database	Oracle Apex	#App #Example #JSON	
8	<a href="#">Extending APEX Applications with Autonomous Database - Lab 4 (Security)</a>	Russ Lowenthal	5:33	16-Mar-2021	Learn how to extend your APEX Apps with new Autonomous Database features, such as spatial, machine learning and security.  Lab Link: <a href="https://apexapps.oracle.com/pls/apex/...">https://apexapps.oracle.com/pls/apex/...</a>	Oracle Apex	#Security #Data safe	

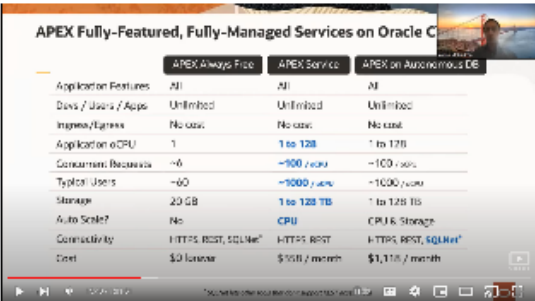
9	Oracle APEX, the future of low code development	Shakeeb Slim	39:46	03-Nov-2021	Oracle APEX, the future of low code development	Oracle Apex	#Overview #Africa #Future #Feature in DB #Zero latency data access	
10	Oracle APEX Architecture		1:40	30-Apr-2021		Oracle Apex A to Z	#Architecture	
11	Use APEX Theme Roller to match your company's brand image	Hayden, Anton, Shakeeb	13:42	29-Jan-2021	Join Hayden and Anton as they present this week's 5-minute tip! In this episode, Hayden and Anton welcome special guest Shakeeb Rahman from Oracle, who shows us how to customize a Universal Theme APEX application to match your own company's brand. Disclaimer: You may have to watch this at half speed!	Insuum	#Tips #Theme #Brand	
12	Flows for APEX 21.1	Niels de Bruijn, MT-AG	01:02:32	02-Dec-2021	Flows for APEX is an open-source solution that enables you to model and run BPMN 2.0 processes in a low-code style. The Flows for APEX 21.1 release is packed with new features and greatly simplifies the integration with your Oracle APEX applications.	Oracle Developers	#Flows	
13	Ask the APEX Team Anything	Jaysom Hanes	53:43	05-Jan-2023	For the last session of the year, we had the APEX team available to answer your questions! Find the Q&A here for the live session: <a href="#">Office Hours: Ask the APEX Team Anything - Oracle Forums</a>	Apex Office Hours	#Ask Anything	

14	How to remote debug a user's session, Insum	Anton Nelson Hyden Joel R. Kallman	19:40	12-Feb-2021	This week, special guest Joel Kallman joins Hayden and Anton to show how one can remote debug a user's session using: Monitor Activity -- Active Sessions -- Enable Debug. Setting the Debug Level to 'APEX Trace' will get you the query's execution plan. Not an APEX Workspace Administrator?	Insum	#Debug #Remote	
15	Making a Progressive Web App (PWA) in Oracle APEX	Vincent Morneau	02:42	17-Oct-2021	Oracle APEX 21.2 introduces Progressive Web App (PWA) technology. With a single switch, you can turn your APEX app's experience that will look and feel closer to native apps. In this video, you learn how to make a PWA in Oracle APEX.	Oracle Apex	#PWA	
16	APEX Authentication and Authorization with Identity Cloud Service	Leah Bracken	6:58	25-Jun-2021	Having visibility into who can access your application is critical in the application development process. Apex is built with the ability to create roles and permissions, but this video takes it one step further through the integration with Oracle Identity Cloud Service (IDCS). Users will be able to login to APEX applications with their own IDCS credentials based on an authentication scheme linked with IDCS.	Oracle Developers	#Authentication #Authorization #Tips	
17	Using the new Display Map item type	Oracle Apex 21.2	1:49	17-oct-2021	APEX 21.2 introduces a new item type Display Map which shows a mini-map with a marker based on the coordinates stored in the page item. In this video, you learn how to use this new item type.	Oracle Apex 21.2	#Map #Tips	

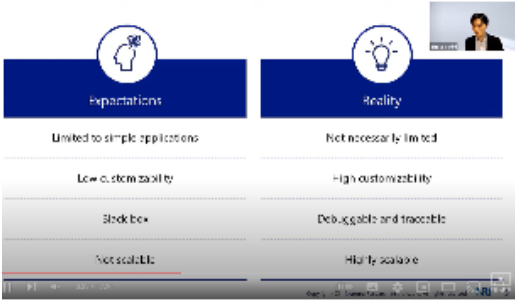
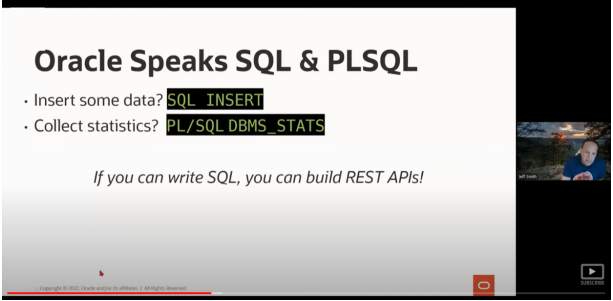
18	<a href="#">REST Enabled SQL Query support in REST Data Sources in Oracle APEX 22.1</a>	Oracle Apex 22.1 Carsten Czarski	3:48	15-Apr-2022	Now you can create REST Sources on top of REST Enabled SQL, and abstract the SQL query from APEX components. You can also use Synchronization to download remote data to local tables, use Data Profile or Post Processing features to combine local with remote data, and use REST Catalogs to provide curated sets of SQL Queries to APEX developers.	Oracle Apex	#REST Data Sources #REST #Remote Database	
19	<a href="#">APEX and OData? REST Data Sources at your service!</a>	Apex Office Hours Jaysom Hanes Carsten Czarski Moritz Klein	53:24	24-Nov-2022	In this session, we demonstrated how to leverage REST Data Sources and Plug-Ins to integrate APEX with industry-standard OData v4 REST APIs.	Oracle Developers	#REST	

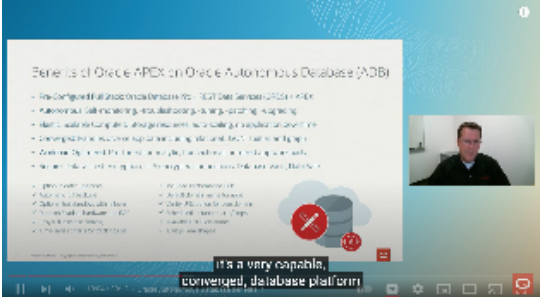
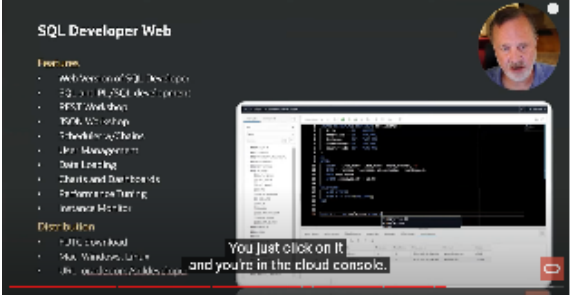
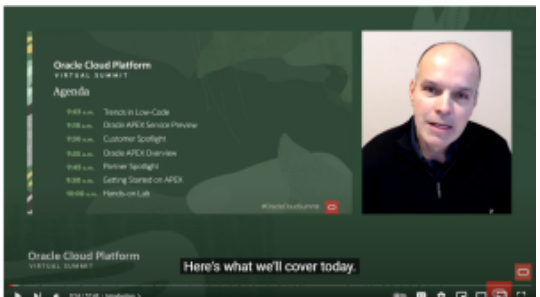
20	<a href="#">Synchronizing Data from REST Services to Local Table</a>	Chaintany a Koratamad di	9:15	21-Oct-2021	Web Source Modules are now named REST Data Sources. APEX supports data synchronization from a REST Data Source (formerly known as Web Source Modules) to a local table. Synchronization can run either on Schedule or on Demand, by calling the APEX_REST_SOURCE_SYNC package. Developers don't need to build custom PL/SQL code in order to copy data from REST services to local tables; APEX provides this as a declarative option. In this demo, you first create a REST Data Source using the USGS (U.S. Geological Survey) JSON feed URL for URL Endpoint. Next, you create an interactive report that utilises this REST Data Source. Then, you define a primary key in the REST Data Source's Data ProUle and configure the synchronization. After the synchronization is triggered, you review the logs and also the local table data. Finally, you update the interactive report region to utilise the local table as a data source.	Oracle Apex	#REST #Synchronizing	
21	<a href="#">REST and Application Express</a>	Join Doug Gault	1:01:41	17-May-2019	Join Doug Gault from the APEX Development Team as he builds, tests and protects a set of RESTFUL services using a combination of the APEX RESTful Services Console and ORDS APIs. We'll look at protecting rest services using OAUTH2 and an review an example PL/SQL code block that consumes the protected service.	Oracle Developers	#REST	

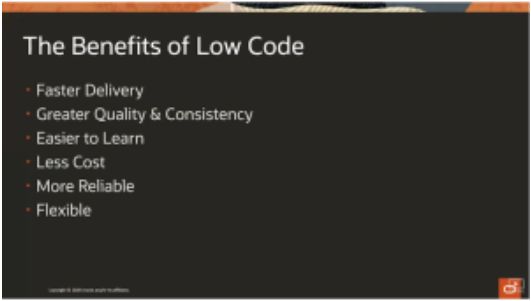


22	What's New for Oracle APEX on OCI and Autonomous Database	Apex Office Hours Jaysom Hanes Todd Bottger	1:07:31	31-Mar-2023	This session summarized recent advancements for Oracle APEX running in Oracle Cloud Infrastructure (OCI) and on Autonomous Database (ADB). We will show how to utilize the new Always Free allocation of OCI Email Delivery to send emails from your APEX apps, describe the improved twice-per-year autonomous APEX upgrade process on ADB, discuss how HTTP keep-alive (timeout) is configured on ADB, and present what's coming next on the cloud roadmap. Watch this session to get valuable information about APEX + Cloud.	Oracle Developers	#ADB #Upgrade  #Email #Time window	
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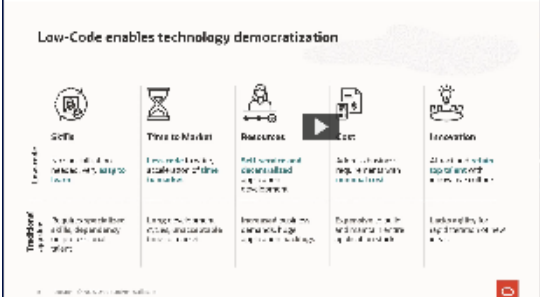
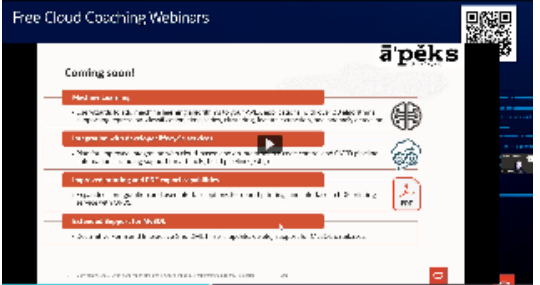
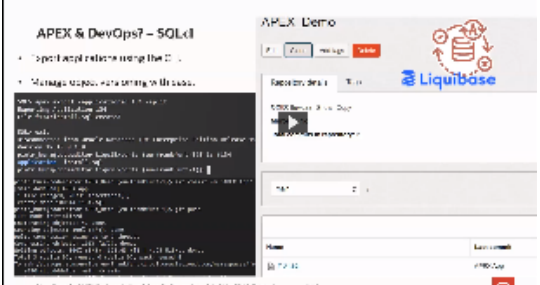
23	Building a SaaS app with Low-Code in 4 months & scaling across multiple countries	Apex Office Hours Salim Hlayel Ashish Mohindroo	1:01:53	12-Jan-2023	Join this live webcast to learn directly from Munich Re HealthTech, a leading global specialist in digital solutions for the health insurance industry, on how they built an enterprise-scale SaaS application for insurance companies with a low-code application platform, Oracle APEX. This app automates the claims reserving, portfolio monitoring, and pricing system for the health insurance business. It also provides a 360-degree view of the business performance delivering visibility into portfolio profitability. You'll learn how they were able to build this app in less than 4 months with a small team of developers using Oracle APEX and how they can use a cloud architecture to scale and distribute this app across multiple countries spanning 4 continents, complying with data sovereignty requirements.	Oracle Developers	#Overview  #Health Tech #Use case #Business innovation	 <p>The screenshot shows a video player with a title bar "APEX Fully-Featured, Fully-Managed Services on Oracle Cloud". Below the title bar is a table comparing three pricing models: APEX Always Free, APEX Service, and APEX on Autonomous DB. The table lists various application features and their corresponding costs or limits for each model. A video progress bar is visible at the bottom of the player.</p> <table><tr><th></th><th>APEX Always Free</th><th>APEX Service</th><th>APEX on Autonomous DB</th></tr><tr><td>Application Features</td><td>All</td><td>All</td><td>All</td></tr><tr><td>Devs / Users / Apps</td><td>Unlimited</td><td>Unlimited</td><td>Unlimited</td></tr><tr><td>Instance/Features</td><td>No cost</td><td>No cost</td><td>No cost</td></tr><tr><td>Application oCPU</td><td>1</td><td>1 to 128</td><td>1 to 128</td></tr><tr><td>Concurrent Requests</td><td>&lt;6</td><td>~900 / hour</td><td>~100 / hour</td></tr><tr><td>Typical Users</td><td>~60</td><td>~9000 / hour</td><td>~1000 / hour</td></tr><tr><td>Storage</td><td>20 GB</td><td>1 to 128 TB</td><td>1 to 128 TB</td></tr><tr><td>Auto Scale?</td><td>No</td><td>CPU</td><td>CPU &amp; Storage</td></tr><tr><td>Connectivity</td><td>HTTPS, REST, SQLNet*</td><td>HTTPS, REST</td><td>HTTPS, REST, SQLNet*</td></tr><tr><td>Cost</td><td>\$0 / instance</td><td>\$100 / month</td><td>\$1,118 / month</td></tr></table>		APEX Always Free	APEX Service	APEX on Autonomous DB	Application Features	All	All	All	Devs / Users / Apps	Unlimited	Unlimited	Unlimited	Instance/Features	No cost	No cost	No cost	Application oCPU	1	1 to 128	1 to 128	Concurrent Requests	<6	~900 / hour	~100 / hour	Typical Users	~60	~9000 / hour	~1000 / hour	Storage	20 GB	1 to 128 TB	1 to 128 TB	Auto Scale?	No	CPU	CPU & Storage	Connectivity	HTTPS, REST, SQLNet*	HTTPS, REST	HTTPS, REST, SQLNet*	Cost	\$0 / instance	\$100 / month	\$1,118 / month
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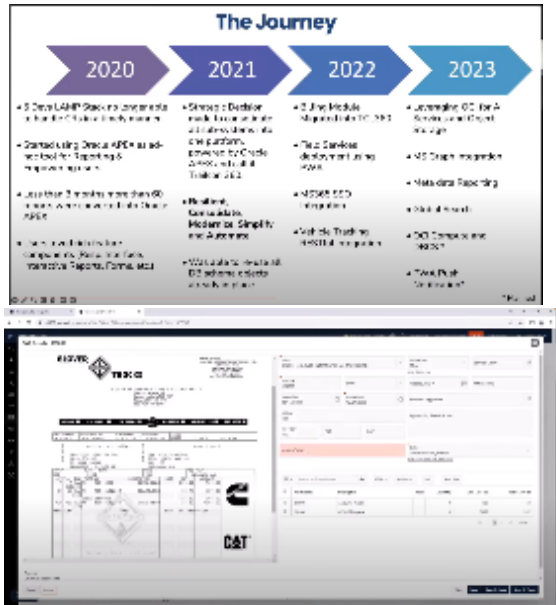



24	Low-Code for mission critical systems - a customer story	Apex Office Hours Salim Hlayel Ashish Mohindroo	57:26	02-Mar-2023	Join this live webcast to learn directly from Nomura Research Institute (NRI), a leading think-tank and systems integrator and the largest economic research and consulting firm in Japan, on how they started their journey on low-code, first by building an Instagram app replica and then moving to build large scale mission-critical systems all with Oracle APEX. Learn why NRI has selected Oracle APEX to build its next-generation software and see how they managed to digitalize their processes with success and hugely reduced workload. This session is presented to you by the following NRI team members: - Shota Isshiki (Tech Lead) - Anna Kitamura (Application Engineer)	Oracle Developers	#Use case #Business innovation #Instagram #Mission critical	
25	Everything an APEX Developer needs to know about ORDS	Apex Office Hours Jayson Hanes Jeff Smith	57:38	04-Jul-2022	Exactly what it sounds like. Those little voices in the back of your head whispering, "Just what is ORDS, and what am I potentially missing out on?" This session covered just how it supports APEX and also what else it can be used for as an Oracle Database user and an APEX Developer.	Oracle Developers	#REST #ORDS	


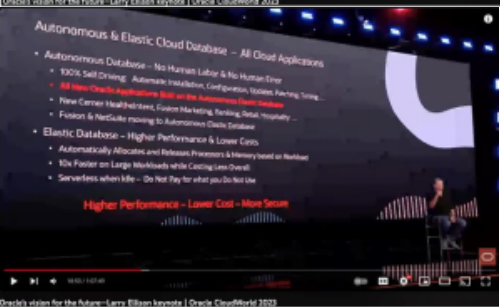
26	Cloud native low code apps with Oracle APEX on Oracle Autonomous Database   CloudWorld 2022	Todd Bottger	30:12	23-Nov-2022	Learn how to use Oracle APEX on Oracle Autonomous Database to build and deploy low-code apps start-to-finish in the cloud—with the key benefits of cloud native apps but none of the complexity. We show how to create apps with modern user experiences, powerful data visualizations, and custom REST interfaces entirely in the cloud and 20X faster than traditional coding. Hear about recent advancements in Oracle APEX on Oracle Autonomous Database that enable you to deploy a self-service platform for low-code developers across your enterprise using a single cloud instance.	Oracle	#ADB #Overview #	
27	Next-Gen, data-driven application development	Mike Hichwa	28:07	03-Dec-2021	Find out more: <a href="https://oracle.com/DatabaseWorldFreeTier">https://oracle.com/DatabaseWorldFreeTier</a> Next-gen apps need to process many types of data in real time to derive smart decisions. Oracle technologies' unique capabilities enable developers to elegantly build robust solutions to the highest enterprise standards faster than you may think.	Oracle	#Overview #Tools #REST	
28	Build Applications Faster with Low Code - Full Event	Joel R. Kallman	57:48	17-Dec-2020	APEX creators Michael Hichwa and Joel Kallman show how the latest APEX offering is faster, lower cost, and worry-free.	Oracle	#Overview #Use case #Low-Code	

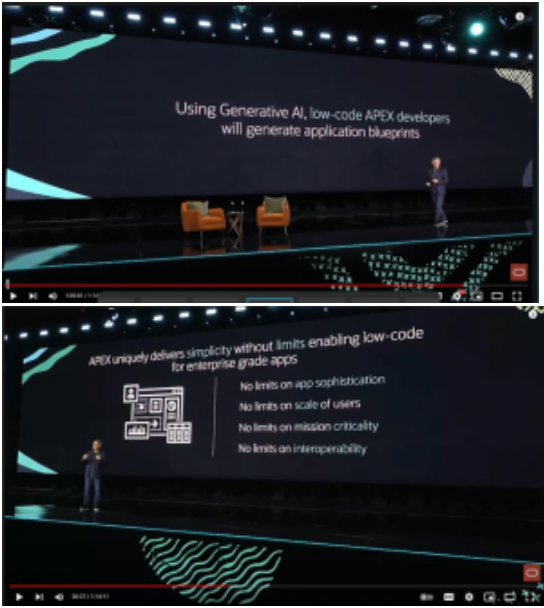

29	<a href="#">Oracle APEX: From Idea to Application at the Speed of Light</a>	Joel R. Kallman	44:51	19-Aug-2020	Take a journey of the live demonstration of Oracle Application Express (APEX), the low code development platform from Oracle, from concept to data model to prototype to refined application in 30 minutes. Fasten your seat belt!	Oracle Developers	#Overview #Create app	
30	<a href="#">Transform spreadsheets into beautiful database-powered apps with APEX</a>	Joel R. Kallman	1:00:04	02-Dec-2020	Spreadsheets are back in the news. Every enterprise uses spreadsheets as multiuser databases. However, there are numerous problems with this practice. Using low-code APEX & Oracle Database, you can transform these single-user spreadsheets into database-powered, multi-user, beautiful applications. And all you need to know is a little SQL. In this session, Joel Kallman from the Oracle APEX team will provide a brief overview of Oracle APEX and also perform a number of live demonstrations. If you're an on-premises Oracle Database customer, you are already licensed for APEX. APEX is also available in every Oracle Cloud database service. Today's on-premises APEX customer is tomorrow's cloud customer.	Oracle Apex	#Overview #Create app #Spread sheets	
31	<a href="#">Low-code development with Oracle APEX</a>	Shakeeb Rahman	24:51	03-Dec-2021	Find out more: <a href="https://oracle.com/DatabaseWorldFreeTier">https://oracle.com/DatabaseWorldFreeTier</a> An introduction to building enterprise solutions with Oracle APEX. See APEX 21 in action with a live demo of the new maps region, Faceted Search, new Smart Filters, Auto Scale and Progressive Web Apps (PWA).	Oracle	#Overview #Low-Code #full stack	

32	Unlock the Power of Oracle APEX: How Native Low-Code Development Can Take Your Business to New Heights!	Piotr Kurzynoga	53:02	21-Mar-2023	This session will introduce you to the power of Native low-code and how it can revolutionize your manual processes and workflows. We will explore how Oracle APEX can help your business become more agile, streamline complex processes, and revolutionize the way you do business. Through this session, you will gain insight into how low code can be used to improve your business efficiency and create a more productive environment. Agenda: - What is Low-Code and who is the target audience? - Future-proofing your company; Security, DevOps - Demo & Use-cases	Cloud Coaching	#Overview #CI/CD #Maps #AI	  
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33	Low-Code and AI for Automating Invoice Processing & Approval Workflow - a customer Story	Salim Hlayel Ashish Mohindroo Giovani Cani	01:17:20	16-Aug-2023	Trailcon Leasing is a major player in the transportation industry in Canada, with facilities across the country and a team of 560 active users, covering back office, field technicians, customers, and vendors. Trailcon is servicing more than 30,000 assets of their own and from Canada's largest companies. With a 24/7 operation, Trailcon has been using Oracle Technologies for the last 25 years and APEX since 2020; in this session, you will learn how they used Oracle APEX low-code platform and AI to modernize and implement several automated business processes, including an Invoice Processing module leveraging OCI's Document Understanding and MS365 Integration.	Business Innovation	#Innovation #Overview  #Use case #Leasing  #Invoice	
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34	Business Innovation with Oracle APEX, Low-Code Application Platform	Salim Hlayel Ashish Mohindroo Dr. Birthe Gebhardt	55:58	28-Sep-2023	<p>Siemens Mobility is a leader in transport solutions for more than 160 years. It is constantly innovating its portfolio in its core areas of rolling stock, rail automation and electrification, turnkey systems, intelligent traffic systems as well as related services. With digitalization, Siemens Mobility is enabling mobility operators worldwide to make intelligent infrastructure, increase value sustainably over the entire lifecycle, enhance passenger experience and guarantee availability.</p> <p>The digital transformation team at Siemens Mobility manages multiple projects across many countries. They need the ability to get real-time visibility across all these projects via an integrated app to track progress, identify issues, and share information across multiple teams. This happens by combining data from multiple apps and data sources including SAP, Oracle Primavera, Snowflake and Microsoft office.</p>	Business Innovation	<p>#Innovation #Overview</p> <p>#Use case</p>	
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35	<a href="#">Steve Jobs on programmer productivity</a>	Steve Jobs	01:11:09	1997	<p>The way you get programmer productivity is not by increasing the lines of code per programmer per day. That doesn't work. The way you get programmer productivity is by eliminating lines of code you have to write.</p> <p>The line of code that's the fastest to write, that never breaks, that doesn't need maintenance, is the line you never had to write.</p> <p><a href="https://wonko.com/post/steve-jobs-on-programmer-productivity/">https://wonko.com/post/steve-jobs-on-programmer-productivity/</a></p>	WWDC19 97	#Low-Code	<p>Steve Jobs <u>discussing programmer productivity</u> in his keynote Q8</p> <p>The way you get programmer productivity is not by increasing programmer per day. That doesn't work. The way you get prog eliminating lines of code you have to write.</p> <p><u>The line of code that's the fastest to write, that never breaks, th maintenance, is the line you never had to write.</u></p>
36	<a href="#">Healthcare</a>				<p>Here's a mission-critical application example created using APEX and OCI. The demo, including the introduction, starts around 01:33:00. Demo it start from 01:37:00</p>	Oracle Cloud World		
37	<a href="#">Oracle's vision for the future</a>	Larry Ellison	01:07:49	20-Sep-2023	<p>Join Larry Ellison, chairman of the board and chief technology officer of Oracle, as he shares Oracle's differentiated strategy combining applications and cloud infrastructure—solving the most complex challenges across industries.</p>	Oracle Cloud World	#Owerve	 

38	<a href="#">The future of data and app dev—Juan Loaiza keynote   Oracle CloudWorld 2023</a>	Juan Loaiza	01:14:11	21-Sep-2023	Join Juan Loaiza, executive vice president of mission-critical database technologies at Oracle, to hear how to access and manage the data you need with ease, integrate new streams without silos, as well as garner and share your insights. Data is key to your competitive advantage—learn how you can use it to its full potential.	Oracle Cloud World	#Owreview #JSON relational duality #low-code #Vector data #Generative AI	
39	<a href="#">Oracle APEX the promising future of Oracle Forms (youtube.com)</a>	Mark Eichhorst	58:34	11-Dec-2023	Can an Oracle Forms application be easily migrated to Oracle APEX? How can an Oracle Forms applications benefit from Oracle APEX? How could a project to replace Oracle Forms with Oracle APEX be set up, and what points need to be considered? These and other questions will be addressed during this presentation. In a brief introduction of Oracle APEX, we focus on the architecture as well as similarities and differences to Oracle Forms. Practical examples are used to show areas in which Oracle Forms applications can be supplemented by Oracle APEX and thus meets new business needs. We also report on our approach, challenges and experience with migration projects from Oracle Forms to Oracle APEX - and round off the picture with project examples.	Oracle Community Tour EMEA - EOUC	#Forms #Use case #Overview  #Architecture	



40	Develop smart Low-Code applications by extending AI and Data Science	Ettore Volpicelli	01:11:53	30-Aug-2023	<p>Low-Code platform enables you to rapidly build web, mobile, and desktop apps with world-class features that are secure and scalable. These apps can be deployed anywhere - on-premises or cloud. Its unique model-driven architecture enables developers to rapidly build and deploy enterprise-scale apps within hours /days vs. weeks /months.</p> <p>You can innovate faster using Oracle's leading low-code platform: Oracle APEX.</p> <p>Watch the webinar to hear and learn directly from our Product Development Team how you can use Oracle APEX to build apps to deliver new innovations for your business.</p> <p>We also showcase the customer story of University of Sussex where the combination between Data Science &amp; APEX was crucial to build &amp; train a model that can detect harmful language, hate texts and hate language in general.</p>			 <p><b>APEX Roadmap 2023-2024</b></p> <ol style="list-style-type: none"> <li><b>Extensibility Architecture for SaaS</b> Support for customizations in deployment for the workflow, user interface, reporting, analytics, and business logic.</li> <li><b>AI-Assisted Development</b> Auto-generation SQL based on specified data models. Oracle AI will generate UI components for pages.</li> <li><b>Import Validation and Application Merge for J2EE/JAVA Experts</b> Application migration and merging of J2EE/JAVA based applications into APEX for greater life cycle automation.</li> <li><b>Workflow Engine with Visual Diagrams</b> Provide a full lifecycle workflow engine with visual flow diagram representation supporting advanced workflow use cases for commercial SaaS applications.</li> <li><b>Offline Support for Mobile</b> Allow commercial connected user access using distribution approach for PWA when network is unavailable.</li> <li><b>Application Metadata Analysis</b> Automated security and performance analysis for application code in Java, COBOL, Java, JavaScript, SQL, PL/SQL to provide insights for improving performance and reducing potential security flaws.</li> <li><b>Push Notifications</b> Allow developers to push notifications for Progressive Web Apps to send notifications to client's mobile devices using various webhooks.</li> <li><b>Application Search Component</b> Simplify the development of an application based system across multiple sites by leveraging Oracle Text and providing fully-managed, scoring, relevance scores, and metadata features across.</li> <li><b>OCI Developer Service Integrations</b> Support for native integration with OCI Developer Service for source code control and deployment pipeline from cloud to on-premise.</li> <li><b>Application Logix Flow Diagrams</b> Represent existing application logic, configurations, business actions, logic in a standardized LEX, flow diagram representation.</li> <li><b>Benefit Service Catalogs</b> Provide catalog of SaaS for reusable data sources, including Fusion Apps, NetSuite, SAP, among others.</li> <li><b>Support for Additional SaaS Objects</b> Expanded support for various SaaS objects and integration for reporting and analytics by automatically mapping the appropriate SQL object for PWA, page, table, and view into APEX.</li> <li><b>Push Changes to Web Browser</b> Enables development of real-time changes within applications by leveraging WebSockets and WebSockets.</li> <li><b>Multi-SaaS Solutions</b> Development of SaaS to SaaS and PaaS to PaaS integrations service enabled using OCI and deployed on-premise and cloud.</li> <li><b>Integrated Printing Service</b> Provide a fully integrated, print-on-demand, template-based printing service with PDF generation for report documents and printing needs.</li> </ol> <p>© Copyright © 2023. Oracle and/or its affiliates.   Confidential internal/Proprietary Document</p>
41	UX & APEX	Juergen Schuster	51:19	30.04.2023		Apex world	#UX	