

APEX - Bring structure to your rapid apps

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March 2021

What is Oracle APEX?

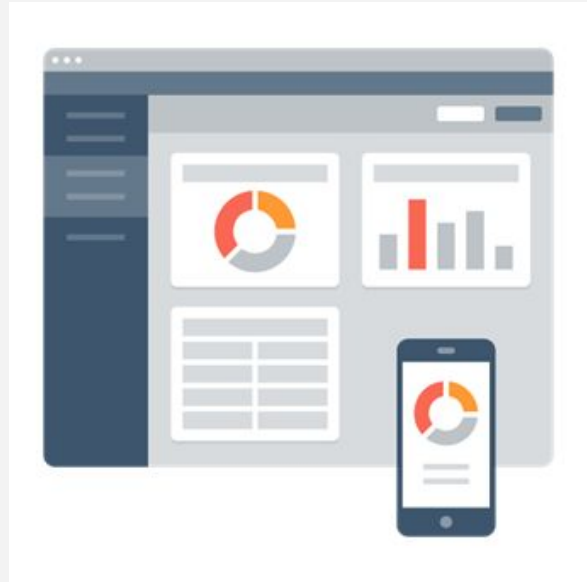
ā'pěks
(#orclapex)



A **low-code** development platform that enables you to build scalable and secure enterprise apps with world-class features that can be deployed anywhere.

The Benefits of a Low Code Framework

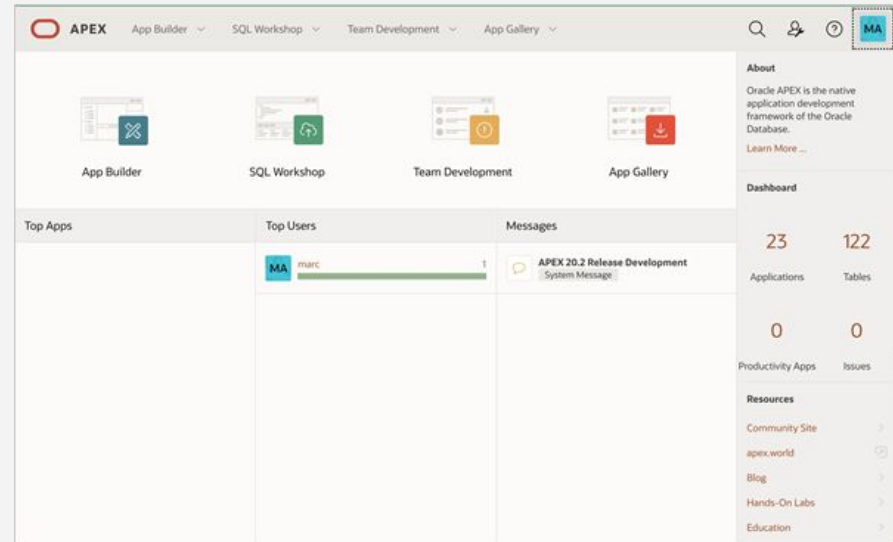
- Low barrier of entry
- Rich functionality
- High productivity (Less coding)
- Concentrate on business requirements
- Release apps faster with lower cost



Oracle APEX - the best framework for rapid and Opportunistic applications



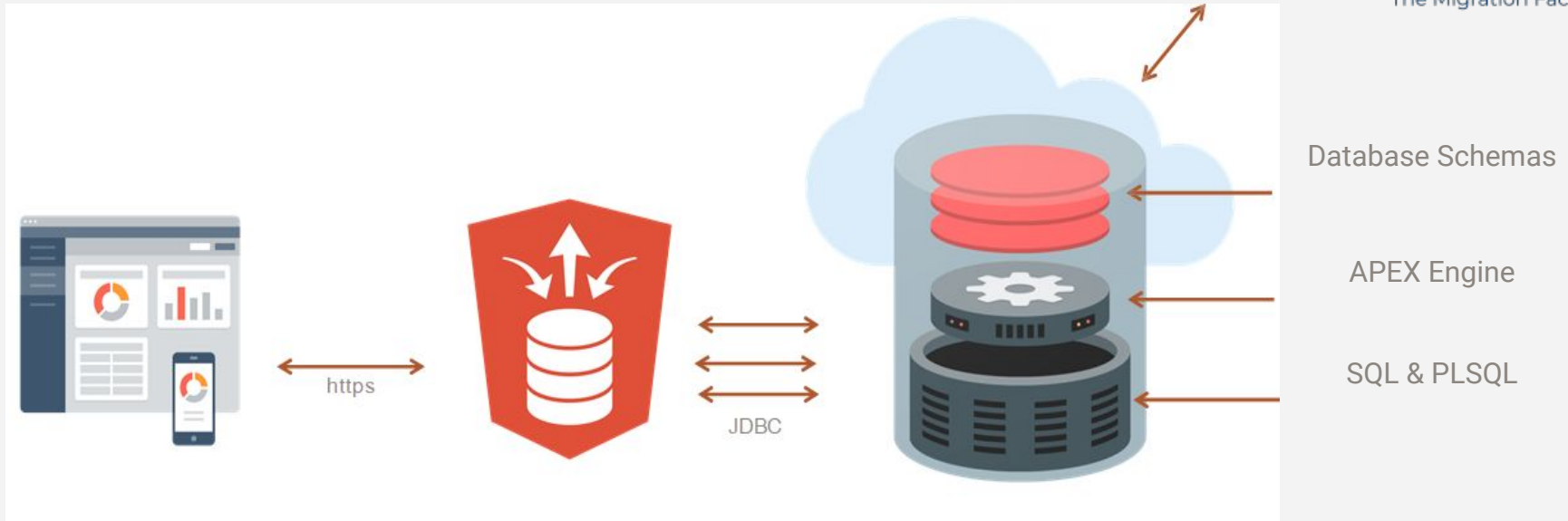
- All-inclusive, Low Code Application Development Platform
- Used to build apps that manage and visualize data
- Leverages SQL skills and Oracle Database capabilities
- Easy to learn, develop and deploy



Oracle APEX - Architecture



SoftBASE
The Migration Factory



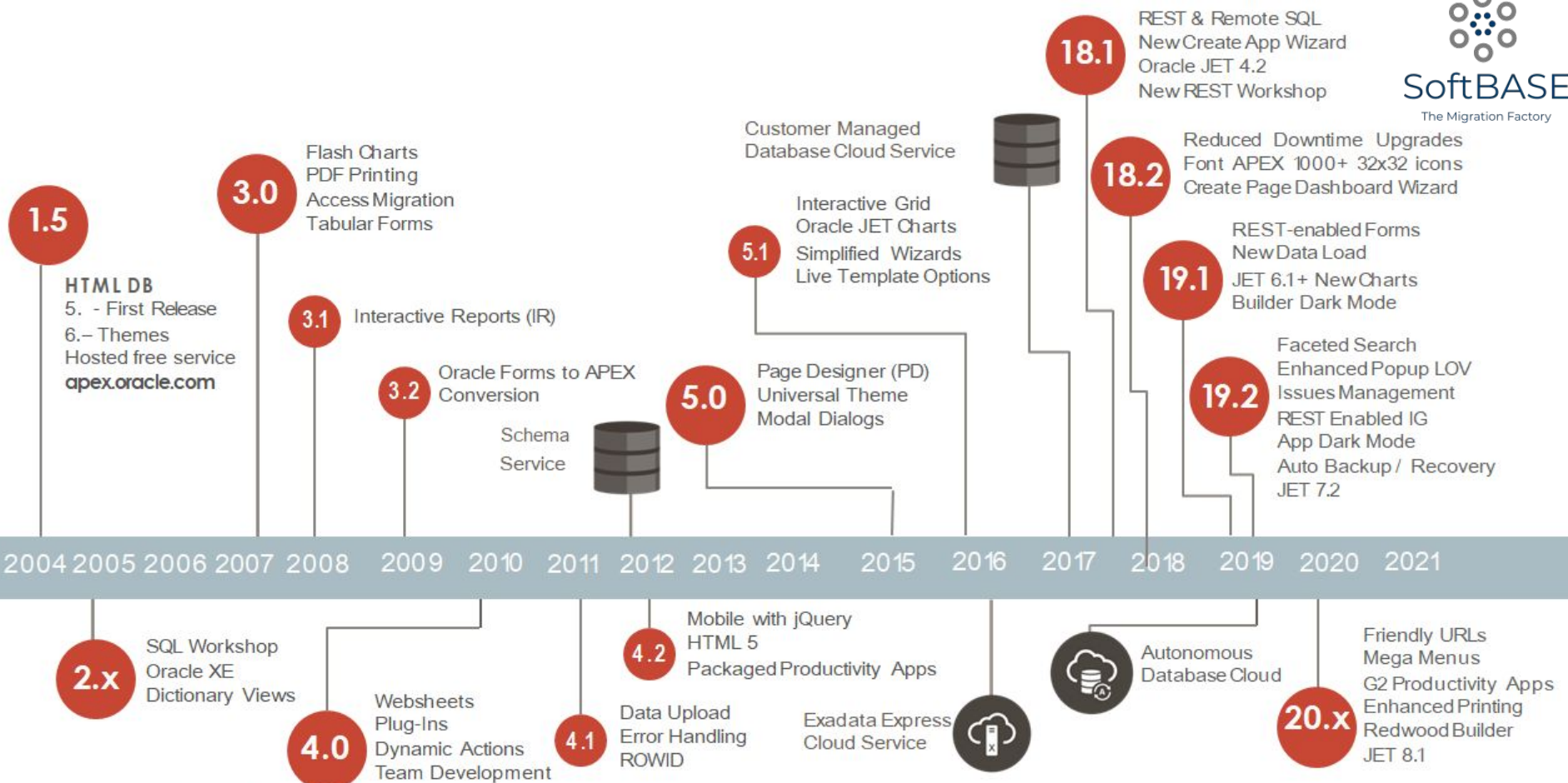
Web Browser
Desktop / Mobile

Oracle REST Data Services

No Application Logic Converts
HTTP to database API calls

Oracle Database - Oracle APEX

Zero latency database - data access
dynamically driven by APEX metadata



Oracle APEX - Availability



Oracle Cloud

Autonomous Database
Server Less (ATP, ADW)*

Autonomous Database
Dedicated

Database Cloud Service
(DBCS)

apex.oracle.com
(free schema service)

PAAS - server BYOL

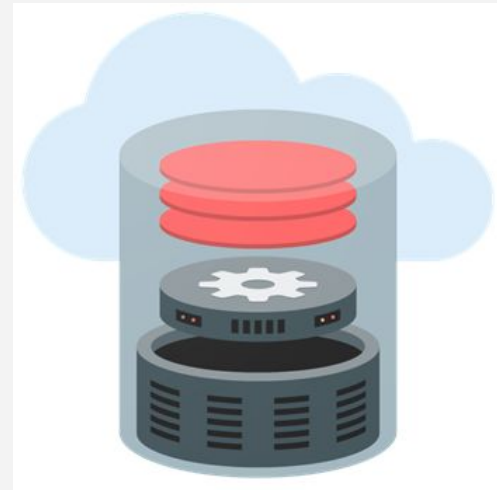
On Premise

Oracle RDBMS - All Editions
including XE

ORDS on top

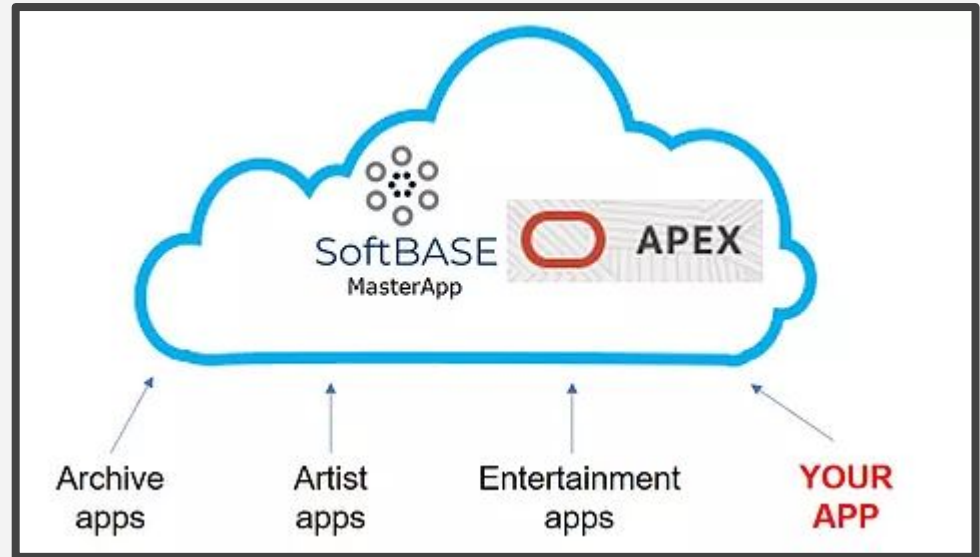
Middle Tier (**tomcat**, weblogic)

Frontend (**apache**, **IIS***, OHS)



APEX - Applications

- Demo
- Sample Database Application
- Sample Application Modularized
- Application wizard
- Low Code



Oracle APEX - Use cases



- Spreadsheet Replacement
- Opportunistic Apps
- Executive Dashboards
- Oracle Forms Modernization
- AppDev as a Service
- External Data Sharing
- SaaS and Enterprise Systems Extensions



[SoftBASE Services](#)

APEX - Applications - as standalone



- Fast development - wizards
- No or low coding depending on your data model.
- User/role administration per application (external users)
- Solutions within the application
- Isolated test cases



APEX - Applications - as standalone

- Pros
- Opportunistic Apps and short live applications (projects)
- Mobile solutions for external users
- Opportunistic data loading/excel applications



APEX - Modularity

- Low code/your code
- One administration - all (attached) Apps
 - Users - Groups
 - Authentication - Authorization
 - Dynamic Navigation - Menus and Dynamic LOV
 - dynamic Wizards
 - Language Control
 - other components of your choice
- Dashboards for all (attached) apps and users



APEX - Modularity

- Pros
- Enterprise additions
- Legacy Modernisations
- Executive Dashboards
- Spreadsheet replacements
- System security
- Smaller applications (Low code)
- Easier maintenance/further development
- Style Guide and GUI



Thanks for listening and look forward to
seeing you next thursday.

The End.



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The Migration Factory