Oracle APEX 19.2: New Features

Presenter’s Name
Presenter’s Title
Organization, Division or Business Unit
Month 00, 2019
Oracle APEX 19.2

- Faceted Search
- Enhanced Shared List of Values
- Enhanced Popup List of Values
- New Team Development
- REST Enabled Interactive Grid
- Data Loading into Existing Tables
- SQL Workshop Improvements
- Universal Theme Improvements
- Oracle JET and jQuery Library Upgrades
Faceted Search

- A powerful new way to filter and display your data.
- Faceted Search will make it easier for your users to find the data they want.
Enhanced Shared LOVs

- Support different Data Sources: Local, REST Enabled SQL, and Web Source
- Support multiple columns
- Declarative column mappings for Return, Display, Group and Icon columns
- Shared Component-level only
Enhanced Popup List of Values

- Modernized look & feel
- Supports multiple display columns
- New configuration including ‘Search as you type’ and ‘Minimum Characters’
- Greatly improved multi-value support
New Team Development

- Reimagined as a new way to collaborate in APEX
- Track everything at a single location as an Issue:
  - Allow users to assign others
  - Apply classifications using Label Groups and Labels
  - Assign milestones
  - Link Issues to an Application and Page
- Includes user notification system
REST

- Introduced in APEX 18.1
- REST Enabled SQL
- Web Source (REST Service)
- Supported data sources for APEX components:
  - Local Database
  - Table / View (stores table and column information in metadata)
  - SQL Query
  - PL/SQL Function returning SQL Query
APEX Data Sources

- **HTTP(s)**
- **JDBC**
- **Local Data Source** [SQL, PL/SQL]
- **External APIs** [REST, SOAP]
- **Remote Databases**
- **Database Links**
- **External Databases**
- **REST Enabled SQL**
REST-enabled Interactive Grid

- Add support for REST Enabled SQL and Web Sources.
- Allow read and write access to remote data sources.
- Updated Master-Detail Wizards.
Data Loading into Existing Tables

- Use within
  - Create Application > From a File
  - SQL Workshop > Utilities > Data Workshop

- Drag and Drop files – CSV, XLSX, TXT, XML, or JSON

- Automatic detection of file settings, data types, format masks

- Can load any size file (background processing)

- Select sheet when XLSX has multiple worksheets

- Public APEX_DATA_PARSER API
SQL Workshop Improvements

- Object Browser Improvements
- Create App
- Statistics Tab
- Sample Queries Tab
- Code Editor in SQL Scripts
- Data Dictionary Cache
Universal Theme Improvements

• Dark Mode
• Fully collapsible Navigation Menu
• New Login Page styles
• New Content Row template
• Logo editor in Theme Roller
Oracle JET and jQuery Library Upgrades

• Included JavaScript libraries are updated with each release of APEX
  • APEX 19.1 includes Oracle JET 6.1.0, jQuery 3.3.1 and jQuery UI 1.12.1
  • APEX 19.2 includes Oracle JET 7.2.0, jQuery 3.4.1 and jQuery UI 1.12.1

• Other updated libraries in APEX 19.2
  • FullCalendar 3.10.0
  • Less.js 3.9.0
  • CodeMirror 5.48.4
  • CKEditor 4.11.4
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Thank you

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