Oracle Application Builder Cloud Service

Oracle Application Builder Cloud Service provides an easy way for business users to create their own web and mobile applications and host them in a cloud environment. Through an intuitive visual development interface, and with no need for prior development experience, creating engaging applications and reducing IT backlog has never been easier.

**Self-Sufficient Application Creation for Business Users**

With ever increasing demands of modern business users for applications that will serve specific business needs, and the proliferation of data sources, the speed at which IT departments address line of business requirements for new applications can become a bottleneck.

Oracle Application Builder Cloud Service resolves this challenge by providing a cloud-hosted solution that empowers business users with the ability to create and host their own applications, as well as extend Oracle SaaS applications, without the need for prior software development experience.

Focusing on ease of use and a UI first development approach, Oracle Application Builder Cloud Service guides users through the process of application creation allowing them to combine data from existing applications along with new data objects that they define and create engaging web and mobile applications that are hosted in Oracle’s secure and scalable cloud platform.

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**KEY FEATURE**

- UI first experience - targeting non-coders
- Zero install – cloud and browser based
- Codeless drag-and-drop development experience
- Responsive UI support multi-channel interfaces across desktop and mobile devices
- Standard based – HTML5/JavaScript/REST
- Extension points for more complex needs
- Out-of-the-box integration with Oracle’s SaaS applications

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Figure 1: Visual development environment
Application Development Simplified

Oracle Application Builder Cloud Service focuses on ease of use and an intuitive approach to application creation, as well as fast provisioning and publishing of these applications.

Both the development environment and runtime platform are cloud hosted, and accessible from web browsers – removing the need for software installation and maintenance on users machines.

A UI first approach enables users to create applications interfaces in a visual environment with drag-and-drop simplicity. A rich set of UI components enable the creation of advanced layouts with rich data visualization capabilities.

Built-in responsive UI design with finer control through properties along with device preview capabilities simplify creation of multi-channel user interfaces that are usable across desktop and mobile devices.

Creation of data objects is streamlined and access to existing sources of data is simplified with a built in service catalog and declarative object definition dialogs. Data can be uploaded into the application from existing spreadsheets.

Applications can be previewed immediately on various device resolutions enabling the creator to test the application functionality.

Oracle Application Builder Cloud Service manage the development stage and publishing of applications and allow the easy development of multiple versions of applications by multiple developers.

Figure 3: Live multi-device application preview
Oracle Cloud Integration

Oracle Application Builder Cloud Service is the perfect tool for customers looking to extend Oracle’s set of SaaS applications. Out-of-the-box support for Oracle’s Fusion and Alta look-and-feel deliver applications with a consistent user experience. Integrated service catalog provides easy access to data objects exposed by Oracle’s SaaS applications. Shared security layer simplified security across applications, supporting single sign-on between Oracle Application Builder Cloud Service applications and Oracle’s SaaS applications.

Figure 2: Built-in Oracle SaaS Service Catalog

Standards-Based and Extendable Architecture

Oracle Application Builder Cloud Service uses a modern standard-based architecture for the applications being created. User interfaces are created using HTML5 and JavaScript supporting rich client side capabilities. The client layer leverages the Oracle JavaScript Extension Toolkit (Oracle JET) to create dynamic applications that are accessible, support internalization, and secure.

At the back end, Oracle Application Builder Cloud Service access existing system and data source through standard JSON REST based interfaces. A pre-populated catalog of services includes details for Oracle SaaS services, and allows the addition of other REST services. New data objects created in the applications are stored in a cloud hosted Oracle database instance and automatically exposed through REST services.

Leveraging the same technologies developers can extend the applications created with the Oracle Application Builder Cloud Service and further enhance them to add more advanced functionality.
For more information about Oracle Application Builder Cloud Service, visit cloud.oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.