

Oracle® Cloud

Known Issues for Oracle Visual Builder



Release 19.3.2

E69192-26

September 2019

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Cloud Known Issues for Oracle Visual Builder, Release 19.3.2

E69192-26

Copyright © 2018, 2019, Oracle and/or its affiliates. All rights reserved.

Primary Author: Oracle Corporation

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Preface

Related Resources	v
Conventions	v

1 Known Issues

Supported Browsers	1-1
Known Issues	1-2
Images broken without \$application.path prefix	1-2
Disabled attributes cannot be longer than 128 characters in IE 11	1-2
ListView makes repeated calls until all results are fetched	1-2
Rendering a chart can be very slow	1-3
Invalid session dialog appears after uploading translations archive	1-3
Menu component rendered incorrectly in Designer	1-3
Upload to Google Play Store fails with error message about app using API Level 27	1-3
Deprecated API usage warning message for apps submitted to App Store that use UIWebView APIs	1-4
List View Spinner does not stop	1-4
Unable to see business object data on Android device	1-4
Staging option not shown until browser reloaded	1-4
Undo action does not remove keys in translation bundle	1-4
Problems when staging with development data are not reported	1-4
401 error when accessing the Catalog API or business object API in a browser	1-5
Sorting by referenced field not working for business objects with an aggregate field	1-5
Date column in csv file is not imported	1-5
Oracle Visual Builder Known Issues – Classic Applications	1-5
Error ORA-00600 when publishing app with clean database	1-6
Cannot save process when space name starts with numeral	1-6
Problem with chart aggregation in child object	1-6
Incorrect error message displayed in popup	1-6
Accessor not exposed when set on non-child relation	1-6

Aggregated Chart ignores business object's security restrictions	1-6
No warning message after accessors updated after renaming a reference field	1-6
Error message when anonymous user accesses secure resource	1-7
Staging application with unique constraint might fail	1-7
Unable to edit table in multi-user scenario	1-7
Read Only option not available for Image component	1-7
Formatted address value not appearing in mobile designer after mapping	1-7

Preface

Known Issues describes known issues for Oracle Visual Builder.

Topics:

- [Related Resources](#)
- [Conventions](#)

Related Resources

For more information, see these Oracle resources:

- Oracle Public Cloud
<http://cloud.oracle.com>
- *Using Oracle Visual Builder Cloud Service*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Known Issues

This section describes issues associated with Oracle Visual Builder.

Topics:

- [Supported Browsers](#)
- [Known Issues](#)
- [Oracle Visual Builder Known Issues – Classic Applications](#)

Supported Browsers

Oracle Visual Builder supports most modern HTML5–compliant browsers.

Oracle Visual Builder complies with the [Oracle Software Web Browser Support Policy](#) and supports the latest version of the browser available, and in the case of IE and Safari, one previous major release. Support is provided by Oracle on all platforms that the browser vendor provides support for. For mobile device operating systems, Oracle provides support for the most recent browser delivered by the device operating system only.

The following table describes the platforms supported by the Visual Builder runtime.

Operating System	Chrome	Firefox	Microsoft Browser	Safari
Android	Supported*	Not Supported	N/A	N/A
iOS	Not Supported	Not Supported	N/A	Supported
Mac OS X	Supported	Supported	N/A	Supported
Windows	Supported	Supported	Supported	Not Supported

* Chrome for Android only, not native Android browser

JavaScript must be enabled for all browsers.

Note:

The Visual Builder design-time UI for building applications supports the Chrome browser running on Mac OS X and Windows. Other browsers and platforms are not supported.

Known Issues

Known issues associated with this release of Oracle Visual Builder.

Topics:

- [Images broken without `\$application.path` prefix](#)
- [Disabled attributes cannot be longer than 128 characters in IE 11](#)
- [ListView makes repeated calls until all results are fetched](#)
- [Rendering a chart can be very slow](#)
- [Invalid session dialog appears after uploading translations archive](#)
- [Menu component rendered incorrectly in Designer](#)
- [Upload to Google Play Store fails with error message about app using API Level 27](#)
- [Deprecated API usage warning message for apps submitted to App Store that use UIWebView APIs](#)
- [List View Spinner does not stop](#)
- [Unable to see business object data on Android device](#)
- [Staging option not shown until browser reloaded](#)
- [Undo action does not remove keys in translation bundle](#)
- [Problems when staging with development data are not reported](#)
- [401 error when accessing the Catalog API or business object API in a browser](#)
- [Sorting by referenced field not working for business objects with an aggregate field](#)
- [Date column in csv file is not imported](#)

Images broken without `$application.path` prefix

Images will not render correctly when apps are published and staged if `$application.path` or `$flow.path` are not prepended to the path to the image in the Property Inspector. For example, for the image file `wave.png`, the Source URL for the Image component in the Property Inspector might be similar to `{{ $application.path + 'resources/images/wave.png' }}`. You can use the Audits feature in Visual Builder to help you locate image paths in your app that might not be formed correctly.

Disabled attributes cannot be longer than 128 characters in IE 11

In Internet Explorer 11, the value of an attribute used in the HTML file cannot be an expression that is longer than 128 characters. The workaround is to replace expressions in the HTML file with a reference to a page variable that has the expression set as the default value.

ListView makes repeated calls until all results are fetched

Changes to the ListView component introduced in JET 6.1 can cause the component to retrieve all rows from a REST API when the component's `scroll-Policy` property is set to "auto".

To limit the number of rows retrieved by the component, the workaround is to either set the component's `scroll-Policy` property to "loadMoreOnScroll", or if "auto" is set, configure the `maxSize` property on `SDP.pagingCriteria`. By setting the `maxSize` property, you can optimize the number of rows that will be fetched in a single iteration. If no value is set for the `maxSize` property, the SDP will use the default value for `maxSize` when the component requests all rows, but the default value might not be optimal for your purposes.

Rendering a chart can be very slow

Rendering a chart might take a long time when the connection to the data source is slow. There is no progress indicator in the chart component that it is in the process of loading the data. There is no workaround available.

Invalid session dialog appears after uploading translations archive

When importing a translations ZIP archive in the Translations tab of the Settings editor, a dialog stating the session is invalid or expired might appear. The workaround is to reload your browser if you see this dialog.

Menu component rendered incorrectly in Designer

In apps created in earlier versions of Visual Builder, components that use `oj-menu` (for example, in a context menu slot or the Menu Button component) are not rendered correctly when the app is opened in the current version of Visual Builder or when it is re-staged. The workaround is to modify the style properties of the component to add `style="display:none;"`.

Upload to Google Play Store fails with error message about app using API Level 27

Upload to Google Play Store of signed app might fail with an error message about app using API Level 27 where the target must be at least API 28. Your attempt to upload your app to the Google Play Store fails with the following error message if your app uses custom Cordova plugins that use API Level 27.

```
Upload failed. Your app currently targets API level 27 and must target at least API level 28 to ensure it is built on the latest APIs optimized for security and performance. Change your app's target API level to at least 28.
```

To work around this issue, update the custom Cordova plugins that your app uses to a version that uses API Level 28. For information about how to add or update custom Cordova plugins in an Oracle Visual Builder app, see [Add a Custom Plugin to Your Mobile Application](#).

Deprecated API usage warning message for apps submitted to App Store that use UIWebView APIs

Apple displays the following warning message when you submit an app to the App Store.

ITMS-90809: Deprecated API Usage - Apple will stop accepting submissions of apps that use UIWebView APIs.

For more information about the UIWebView, see <https://developer.apple.com/documentation/uikit/uiwebview>. Apache Cordova is tracking updates to its code through the following issue: <https://github.com/apache/cordova-ios/issues/661>. Oracle Visual Builder intends to uptake Apache Cordova's fix to address this warning.

List View Spinner does not stop

In the list view of some mobile apps, the spinner component that is displayed to indicate data is loading does not stop spinning.

The workaround is to set the attribute `scroll-policy="loadAll"` on the `listView` if the amount of data is small and fits within the viewport.

Unable to see business object data on Android device

On Android devices, retrieving data from a business object might time out when the data set is very large.

Staging option not shown until browser reloaded

When restaging an app using the menu in the application's toolbar, the "Keep existing data in Stage" option might not be displayed in the Stage Application dialog box.

You will need to reload the page in your browser to display the option in the dialog box.

Undo action does not remove keys in translation bundle

After adding a translation key for a string in the Property Inspector, using the Undo action removes the binding to the translation bundle in the Property Inspector and the Design view and Code view of the page, but the key value is not removed from the JSON file in the translation bundle.

The workaround is to use the Undo action again to remove the key value from the JSON file.

Problems when staging with development data are not reported

When staging an app and replacing the Staged data with Development data, problems that occur when copying the data (for example unique constraint violations) are not reported.

401 error when accessing the Catalog API or business object API in a browser

The URL for a business object's APIs and the URL for the Catalog API of business objects in an application are not accessible from a web browser. A 401 Authorization Required page is displayed when trying to access the URLs in a browser.

Access to the URLs requires authorization that is not supported by web browsers. The URLs can be accessed from other applications and clients using an access token or Basic Auth for authorization.

Sorting by referenced field not working for business objects with an aggregate field

Business objects that contain an aggregate field cannot be sorted by a referenced field.

Date column in csv file is not imported

When importing a csv file that contains a date column, importing the column fails when the date is formatted dd/MM/yy HH:mm.

Oracle Visual Builder Known Issues – Classic Applications

Known issues associated with classic applications for this release of Oracle Visual Builder.

Topics:

- [Error ORA-00600 when publishing app with clean database](#)
- [Cannot save process when space name starts with numeral](#)
- [Problem with chart aggregation in child object](#)
- [Incorrect error message displayed in popup](#)
- [Accessor not exposed when set on non-child relation](#)
- [Aggregated Chart ignores business object's security restrictions](#)
- [No warning message after accessors updated after renaming a reference field](#)
- [Error message when anonymous user accesses secure resource](#)
- [Staging application with unique constraint might fail](#)
- [Unable to edit table in multi-user scenario](#)
- [Read Only option not available for Image component](#)
- [Formatted address value not appearing in mobile designer after mapping](#)

Error ORA-00600 when publishing app with clean database

In some environments that use an older version of the database service, publishing a classic application with a clean database will fail with the database error ORA-00600. The error does not occur after the database service is updated.

Cannot save process when space name starts with numeral

When creating a new Process Cloud process in a classic application, saving the process will fail if the space name starts with a numeral. The workaround is to ensure that the space name starts with a letter.

Problem with chart aggregation in child object

Aggregation is not available for charts displaying data in child objects.

Incorrect error message displayed in popup

When table creation fails in an application, the text displayed in the popup contains an error. The popup contains the text “Reload ABCS” instead of “Reload VBCS”.

Accessor not exposed when set on non-child relation

When there is a non-child relationship between two custom business objects, by default no accessor is set on the relation to navigate from the one to the many end. The reverse accessor is not supported for REST and setting this accessor in the Edit Relationship dialog will cause an error.

Aggregated Chart ignores business object's security restrictions

Aggregated chart components are not following the security restrictions that are specified for business objects. For example, when view rights of business object data are granted to a specific user role, only users with the specified role can view the data in a table. However, an aggregated chart based on the business object ignores the security restriction and is visible to all users.

You should exercise caution when and where you use aggregated charts to display data where security rules are applied.

No warning message after accessors updated after renaming a reference field

After renaming a reference field, the corresponding accessor is automatically updated in the business objects but not updated where used in scripts such as in Business Rules and Object Functions, and there is no warning message to indicate that names used in scripts might need to be updated.

Error message when anonymous user accesses secure resource

When an anonymous user attempts to access a page with data from a business object from an external service that requires authentication, the user might see a message that there is no data or there was an error loading the data. Attempting to use the Create button to add a new item will fail.

The workaround is to disable anonymous access to the application or to those pages that display secured data.

Staging application with unique constraint might fail

When staging an application using the “Populate with development Data” option, importing the data might fail if the Unique Constraint property has been applied to a field in the development database and some of the values stored in that field are not unique. There is no warning that importing the development data failed.

A workaround would be to modify the data to avoid duplicates. Alternatively, you could disable the unique constraint property for the field before staging the application. After staging the application and importing the development data to the staging database, you could enable the unique constraint property and stage the application again without copying the development data to the staging database.

Unable to edit table in multi-user scenario

A user attempting to create a table with the wizard while another user is editing the same page is notified that the page has been reloaded and updated. The user is unable to resume creating the table after the page is reloaded and the page is unstable. Multi-user support forces full reload when the page model is modified by another user.

Read Only option not available for Image component

In the Mobile Designer, the Read Only option is not available in the Properties Inspector as an option for Image components.

Formatted address value not appearing in mobile designer after mapping

When designing the screens of your app in the Mobile Designer, text area fields might not display the values of formatted text in the business object. The formatted text values are displayed correctly in the simulator. Click Test to preview the app in the simulator to confirm that the text values are retrieved and displayed correctly.