



Extensibility Guide | PUBLIC
2020-04-17

Compatibility Issues in SAP Business One 10.0

Content

1	Purpose.	4
2	Business Logic.	5
3	Software Development Kit (SDK).	7

Document History

The following table provides an overview of the most important document changes.

Version	Date	Description
1.0	2019-08-05	First version
1.1	2020-02-10	For PL01
1.2	2020-04-17	For PL02

1 Purpose

This document discusses known compatibility issues for add-ons that were built for releases prior to SAP Business One 10.0 and are now being run in the new release.

The issues also affect existing installations that run these add-ons, and which are now upgrading to SAP Business One 10.0.

The issues involve changes in the application – such as menu changes and new exceptions – as well as changes to the SDK.

Note

Add-ons that use the RecordSet object (for unexposed objects) and that are dependent on the database structure may face additional compatibility issues not listed here.

Additional Information

For compatibility issues in the SAP Business One Releases 9 release family, refer to relevant documents. To access these documents, visit the implementation section in the corresponding release documentation area of SAP Help Portal at https://help.sap.com/viewer/p/SAP_BUSINESS_ONE.

For a complete list of changes to the user interface and the database schema, see the GUI and DB change list (XML files) in the implementation section of SAP Help Portal at https://help.sap.com/viewer/p/SAP_BUSINESS_ONE.

For changes in the patches of 10.0, see the release information for each patch.

2 Business Logic

This section describes compatibility issues related to the application's business logic.

Topic	Description
<i>Remarks</i> field size extended	The size of the <i>Remarks</i> field was extended from 50 to 254 characters in the following objects: • <i>Journal Entry</i>: OJDT.Memo, JDT1.LineMemo • <i>Journal Voucher</i>: OBTF.Memo, BTF1.LineMemo
<i>Journal Remarks</i> field size extended	The size of the <i>Journal Remarks</i> field was extended from 50 to 254 characters in the following objects: • Marketing Documents: ODOC.JrnlMemo • <i>Incoming Payments</i>: ORCT.JrnlMemo • <i>Outgoing Payments</i>: OVPM.JrnlMemo
<i>Name</i> field size extended	The size of the <i>Name</i> field was extended from 20 to 100 characters in the following objects: • <i>Customer Groups – Setup</i>: OCRG.GroupName • <i>Vendor Groups – Setup</i>: OCRG.GroupName • <i>Item Groups – Setup</i>: OITB.ItmsGrpNam
<i>Employee No.</i> field is hidden	<i>Employee No.</i> field in Employee Master Data is an internal key. As of version 10 PL01, this field is hidden and replaced by a new field <i>Employee Code</i> (field type: Alphanumeric, length: 50 characters). For Time Sheet: • When the selected type is <i>Employee</i>, the employee internal key is replaced by the employee code. • When the selected type is <i>User</i>, the user internal key is replaced by the user code. For Purchase Request: when the requester is <i>Employee</i>, the employee internal key is replaced by the employee code.

Topic	Description
User-defined fields in DOC12	Upgrade to SAP Business One 10.0 PL01 is blocked when the company database includes user-defined fields (UDFs) in DOC12 (tax extension tables). These UDFs should be removed before upgrade due to a conflict with the new feature "Business Partner Address User-Defined Fields in Documents". SAP Business One Global Support should be consulted for any further details. Note Adding UDFs to DOC12 is not supported in the <i>User-Defined Fields Management</i> window (► <i>Tools</i> ► <i>User Customization Tools</i> ► <i>User-Defined Fields Management</i> ►) and is enabled via DI API only. When moving to the next patch (SAP Business One 10.0 PL02), adding UDFs to DOC12 via DI API will be blocked.
Remove the function of adding UDFs in Service Call Address	Previously, you could add UDFs to a service call address (in ► <i>Tools</i> ► <i>Customization</i> ► <i>User-Defined Fields - Management</i> ►, or from DI API). However, these UDFs were not visible on the <i>Address Component</i> window on the <i>Business Partner</i> tab of service calls. As of SAP Business One 10.0 PL01, this function is removed. UDFs will be added to the service call address automatically when you add UDFs to Business Partners - Address (► <i>User-Defined Fields - Management</i> ► <i>Master Data</i> ► <i>Business Partner</i> ► <i>Business Partners - Addresses</i> ►).
<i>Item Description</i> field length extended to 200 Chars	Previously, the length of the <i>Item Description</i> field in the <i>Item Master Data</i> window (the <i>ItemCode</i> field in database table <i>OITM</i>, as well as in database tables <i>SITM</i> and <i>UITM</i>) was 100 characters. As of release 10.0 FP 2008, the length of the field is extended to 200 characters.
<i>Ref. 3</i> field length extended to 100 chars	Previously, the length of the <i>Ref. 3</i> field in the <i>Journal Entry</i> window (the <i>Ref3</i> field in database table <i>OJDT</i>, and the <i>Ref3Line</i> field in database table <i>JDT1</i>) was 27 characters. As of release 10.0 FP 2008, the length of the field is extended to 100 characters.
<i>Industry Name</i> field length extended to 40 chars <i>Industry Description</i> field length extended to 100 chars	In the <i>Industry - Setup</i> window (when you define a new industry from ► <i>Business Partners</i> ► <i>Business Partner Master Data</i> ► <i>General</i> ► tab): - Previously, the length of the <i>Industry Name</i> field (the <i>IndName</i> field in database table <i>O0ND</i>) was 15 characters. As of release 10.0 FP 2008, the length of the field is extended to 40 characters. - Previously, the length of the <i>Industry Description</i> field (the <i>IndDesc</i> field in database table <i>O0ND</i>) was 30 characters. As of release 10.0 FP 2008, the length of the field is extended to 100 characters.

3 Software Development Kit (SDK)

This section describes compatibility issues related to the Software Development Kit (SDK).

Topic	Description
Removed 32-bit UI API	The 32-bit UI API was removed from the product package.
Legacy 32-bit DI API	We plan to support 64-bit DI API add-ons only. Legacy 32-bit DI API packages were put into the DI API Legacy Package folder and placed under the path: <code>\Packages.x64\DI API Legacy Package</code> .
Service Layer Apache Logs Deletion	Service Layer Apache logs might contain personal data which might violate the personal data protection regulations. When moving to version 10 PL01, the service layer Apache logs are stored for 3 months. After 3 months, the logs are automatically dropped by the system.
Screen Painter Is Retired	Screen Painter is retired as of SAP Business One 10.0 PL00. Please use SAP Business One Studio Suite.

Topic	Description
User Form and UDO Form Support High-DPI Monitor (4k/5k) Mode	SAP Business One 10.0 introduced a high-DPI monitor (for example, 4k/5k) support function. In high-DPI monitor mode, SAP Business One will auto enlarge the system font size (about to 16) at the infrastructure level for each form, including user forms and UDO forms.

We recommend that you adjust code/settings for user forms and UDO forms to adapt to the high-DPI monitor. It's the same code/settings as is used for user forms and UDO forms when adapting non-default font sizes prior to SAP Business One 10.0.

- **Scenario 1:** If your user form and UDO form display correctly both in normal mode and in high-DPI monitor (4k/5k) mode, no additional adjustments to your codes/settings are needed.
- **Scenario 2:** If your user form is created using UIAPI code, such as below, and haven't adapted code for non-default font size, please add a `sizeGrow` ratio in form and item location properties to adapt high-DPI monitor.
The `sizeGrow` value is not a fixed value. It's just a rough estimated value for specific cases. For example, when you change font size from default value 12 to a larger one 20, you can use the rough value $20/12 \approx 2$.

Original Code:

```
oForm =
SBO_Application.Forms.AddEx( oCreationParams );

// set the form properties
oForm.Title = "Simple Form";
oForm.Left = 400;
oForm.Top = 100;
oForm.ClientHeight = 80;
oForm.ClientWidth = 350;
oItem = oForm.Items.Add( "StaticTxt2",
SAPbouiCOM.BoFormItemTypes.it_STATIC );
oItem.Left = 7;
oItem.Width = 148;
oItem.Top = 24;
oItem.Height = 14;
```

New Code:

```
oForm =
SBO_Application.Forms.AddEx( oCreationParams );

// set the form properties
oForm.Title = "Simple Form";
oForm.Left = 400 * sizeGrow;
oForm.Top = 100 * sizeGrow;
oForm.ClientHeight = 80 * sizeGrow;
oForm.ClientWidth = 350 * sizeGrow;
oItem = oForm.Items.Add( "StaticTxt2",
SAPbouiCOM.BoFormItemTypes.it_STATIC );
oItem.Left = 7 * sizeGrow;
oItem.Width = 148 * sizeGrow;
oItem.Top = 24 * sizeGrow;
oItem.Height = 14 * sizeGrow;
```

Topic	Description
	• Scenario 3: If your user form is created using xml, it is recommended to select the checkbox <i>Auto Resize User Forms</i> (from Administration > System Initialization > General Settings > Font & Bkgd tab) to make the user form UI scaled correctly in high-DPI monitor. • Scenario 4: If your UDO form is created using the UDO wizard, and the UDO style is HeaderLine Style, it is recommended to select the checkbox <i>Auto Resize User Forms</i> (from Administration > System Initialization > General Settings > Font & Bkgd tab) to make the UDO form UI properly scaled in high-DPI monitor. For more information, refer to SAP Note 2878491.

Important Disclaimers and Legal Information

Hyperlinks

Some links are classified by an icon and/or a mouseover text. These links provide additional information.

About the icons:

- Links with the icon  : You are entering a Web site that is not hosted by SAP. By using such links, you agree (unless expressly stated otherwise in your agreements with SAP) to this:
 - The content of the linked-to site is not SAP documentation. You may not infer any product claims against SAP based on this information.
 - SAP does not agree or disagree with the content on the linked-to site, nor does SAP warrant the availability and correctness. SAP shall not be liable for any damages caused by the use of such content unless damages have been caused by SAP's gross negligence or willful misconduct.
- Links with the icon  : You are leaving the documentation for that particular SAP product or service and are entering an SAP-hosted Web site. By using such links, you agree that (unless expressly stated otherwise in your agreements with SAP) you may not infer any product claims against SAP based on this information.

Videos Hosted on External Platforms

Some videos may point to third-party video hosting platforms. SAP cannot guarantee the future availability of videos stored on these platforms. Furthermore, any advertisements or other content hosted on these platforms (for example, suggested videos or by navigating to other videos hosted on the same site), are not within the control or responsibility of SAP.

Beta and Other Experimental Features

Experimental features are not part of the officially delivered scope that SAP guarantees for future releases. This means that experimental features may be changed by SAP at any time for any reason without notice. Experimental features are not for productive use. You may not demonstrate, test, examine, evaluate or otherwise use the experimental features in a live operating environment or with data that has not been sufficiently backed up.

The purpose of experimental features is to get feedback early on, allowing customers and partners to influence the future product accordingly. By providing your feedback (e.g. in the SAP Community), you accept that intellectual property rights of the contributions or derivative works shall remain the exclusive property of SAP.

Example Code

Any software coding and/or code snippets are examples. They are not for productive use. The example code is only intended to better explain and visualize the syntax and phrasing rules. SAP does not warrant the correctness and completeness of the example code. SAP shall not be liable for errors or damages caused by the use of example code unless damages have been caused by SAP's gross negligence or willful misconduct.

Bias-Free Language

SAP supports a culture of diversity and inclusion. Whenever possible, we use unbiased language in our documentation to refer to people of all cultures, ethnicities, genders, and abilities.

© 2026 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

Please see <https://www.sap.com/about/legal/trademark.html> for additional trademark information and notices.

