



# SAP BusinessObjects Xcelsius 2008 Service Pack 3 Release Notes

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## About these notes

These release notes contain information about this release of SAP BusinessObjects Xcelsius 2008 Service Pack 3 only.

Read the entire document before installing your Business Objects software. After the release of the software, any late breaking issues will be added to the *SAP BusinessObjects Release Notes* available online at:

<http://help.sap.com/content/bobj/overview/index.htm>

**Note:**

To be sure you most up-to-date information, consult the online release notes.

## About Release Numbering

Xcelsius 2008 is the initial release of this product, and may be referred to unofficially as Xcelsius 2008 RTM.

Xcelsius 2008 SP1 is the first service pack (SP) release and contains a collection of updates, fixes, enhancements and additional features. Service packs are considered major releases, and all affected documentation is updated.

Xcelsius 2008 Fix Pack 1.1 is the first fix pack for SP1 and contains a collection of patches or bug fixes, but does not contain any enhancements or additional features. Fix packs are considered minor releases, and documentation updates are limited to *Release Notes* and *Fixed Issues*.

The fix pack numbering is structured as follows: [Service Pack Number].[Fix Pack Number]. For example, if there were a third fix pack for a fourth service pack, it would be "Fix Pack 4.3". Any future Service Packs and Fix Packs will follow the above outlined numbering system. Fix packs should only be applied to the service pack they pertain to.

**Note:**

Users can verify which release of Xcelsius 2008 they have installed from the **Help** menu, **Help > About Xcelsius**. The dialog box displays the "Xcelsius Version" number and the "Build Number". Previous releases correspond to the following numbers:

Xcelsius Release	Xcelsius Version	Build Number
Xcelsius 2008 (RTM)	5.0.0.99	12,1,0,121
Xcelsius 2008 SP1	5.0.0.99	12,1,0,247
Xcelsius 2008 FixPack 1.1	5.1.1.0	12,1,1,344
Xcelsius 2008 SP2	5.2.0.0	12,2,0,608
Xcelsius 2008 FixPack 2.1	5.2.1.0	12,2,1,66
Xcelsius 2008 SP3	5.3.0.0	12,3,0,670

Starting with the release of Fix Pack 1.1, the "Xcelsius Version" number will correspond to the Fix Pack numbering structure noted above. The version number will be structured as follows: [Product Version].[Service Pack Number].[Fix Pack Number].0.

## Installation

### Installation Requirements

Xcelsius 2008 requires the ability to write files to the registry and installation directory. If Xcelsius 2008 is unable to access and write the files, the installation will fail. Xcelsius 2008 requires the following permissions for the specified operating systems:

Operating System	Requirement
Windows XP	Current user must be an Administrator or have Administrator-level rights
Windows Vista	<ul style="list-style-type: none"> <li>Current user must be an Administrator or have Administrator-level rights</li> <li><b>User Account Control</b> must be disabled</li> </ul>

For a complete list of system requirements and supported platforms, see the *SAP BusinessObjects Xcelsius 2008 Supported Platforms* document available at <https://www.sdn.sap.com/irj/boc/articles> For complete installation instructions, see the *SAP BusinessObjects Xcelsius 2008 Installation Guide* ) available on the SAP Help Portal at <http://help.sap.com>.

## Error uninstalling Xcelsius 2008 with Fix Pack 1.1

If Fix Pack 1.1 has been applied, when attempting to uninstall SAP BusinessObjects Xcelsius 2008 to install Service Pack 3, an error occurs.

Workaround: Uninstall Fix Pack 1.1 before uninstalling Xcelsius 2008.

## Missing xcelsius.msi file

If you previously installed SAP BusinessObjects Xcelsius 2008 SP2 or SP1, before you install SAP BusinessObjects Xcelsius 2008 SP3, you must uninstall the previous version. If you deleted the source files for the SP1 or SP2 installation, when you attempt to uninstall Service Pack 3, an error occurs:

The file <filepath> is not a valid installation package for Xcelsius 2008. Try to find the installation package Xcelsius.msi in a folder from which you can install Xcelsius 2008.

The location for the xcelsius.msi file for Service Pack 3 is not accepted.

This error is due to a Microsoft known issue: Error 1706 "No Valid Source Could Be Found" When Installing MSI File from Removable Media.

As a workaround, if possible, save a copy of the `xcelsius.msi` file from the previously installed version in the location where the previous program source files were saved and then uninstall Xcelsius.

If you do not have access to the source files for the previously installed release, follow the steps to resolve the issue on the Microsoft support site at <http://support.microsoft.com/kb/299803>.

## Installation stops at registration of .dll files

When installing SAP BusinessObjects Xcelsius 2008 SP3, any firewall or network security application (e.g., McAfee, Norton) that blocks the connection to the remote installation source files prevents the installer from removing the previously installed release and the installation stops at the registration of the .dll files in the registry.

Workaround: Before installing SAP BusinessObjects Xcelsius 2008 SP3, do one of the following:

- Copy the Xcelsius source files to the local drive where you are installing the program.
- Disable any firewall or network security application (e.g., McAfee, Norton) that may block the access to the remote source files.

## Known Issues in Xcelsius 2008 SP3

### Launching Xcelsius 2008 - Error Message

If the Microsoft Windows temporary folder `%temp%` (For example, for Administrator, `C:\Documents and Settings\Administrator\Local Settings\Temp`) does not exist, when launching SAP BusinessObjects Xcelsius 2008, an error occurs:

```
"Microsoft Visual C++ Runtime Library" "RuntimeError!  
..."
```

The workaround is to ensure that the Windows temporary folder exists in the default location before launching Xcelsius.

## User Account Control and Manage Add-Ons

If User Account Control (UAC) is enabled, the **Manage Add-Ons** menu item is not available in Xcelsius.

As a workaround, turn UAC off if you want to manage add-ons.

## Font size after upgrading to Xcelsius 2008

After upgrading to **SAP BusinessObjects Xcelsius 2008** from **Xcelsius 4.5**, fonts appear visually smaller in SWF files although, in the "Properties" panel, the font size is the same as it was in the earlier version.

As a workaround, adjust the font sizes for models designed in Xcelsius 4.5 and upgraded to Xcelsius 2008 to accommodate the size difference.

## Printing SWFs in PowerPoint

When users open Microsoft PowerPoint files that contain SWFs and print the slides before running the Slide show, the printed slides are blank.

To print SWFs in PowerPoint, start Slide Show mode and open each slide before printing the file.

## Export Issues

### Export to HTML with long filename

If a model is exported to HTML and given a filename with more than 59 wide characters (UNICODE filename), the exported HTML file cannot load the SWF file. In the exported HTML file, the SWF filename is truncated after 59 wide characters.

As a workaround, use a filename that is 59 wide characters or less or manually modify the HTML file to include the actual filename in <EMBED src="">.

## Export to HTML model size difference between SWF file and HTML file

After exporting to HTML format, the size of the model in the HTML output is larger than it is in the SWF output.

To change the size of the model in an HTML file, in your browser, view the source for the file and, in the OBJECT tag, adjust the Height and Width settings.

### Note:

In Firefox, to reduce the model size, you must also change the Height and Width settings in the EMBED tag.

## Component size when exporting to PDF or PPT

After exporting to Adobe PDF or Microsoft PowerPoint (PPT) format, the sizes of some components are different than they were in the XLF and in the Preview, and they may not be aligned as they were in design mode.

This behavior is caused by an Adobe Flash Player known issue. For more information, see the Adobe Flash Player Bug and Issue Management system at <http://bugs.adobe.com/jira/browse/FP-1090>.

## Components

### Slide Show transition types

Slide Show transitions do not work as intended in design-mode and/or at run-time.

The following transition types work correctly during design-mode:

- Cover Left
- Cover Right



- Push Left
- Push Right
- Zoom

At run-time, only the **Fade Smoothy** transition type works as intended. The following transition types have different behavior than intended:

Transition Selected	Transition Behavior at run-time
Push Left	Push Right
Push Right	Push Left
Uncover Left Up	Push Up

## Flash memory management and the SWF Loader component

The new web connectivity component, SWF Loader, is designed to load SWF files at run-time with better memory management than the Slide Show component. However, it is still subject to the Adobe Flash Player memory management method, which controls when inactive components are removed from memory.

To avoid heavy memory consumption when using the SWF Loader:

- Reduce the number of SWF Loader and Slide Show components included in a single model
- Reduce the number of SWF files that the SWF Loader and Slide Show components in the model must load concurrently at run-time.

## Multiple Slide Show components in HTML missing items

If a model includes two or more Slide Show components, when the model is exported to HTML, one of the Slide Show components may be missing some items in the child SWF.

If a model is missing items from a Slide Show, recreate the model using the SWF Loader component instead of the Slide Show component.

## Interaction with components behind charts

In Crystal Xcelsius 4.5, when a Chart was placed over top of another component that had interaction enabled, users could still interact with the component behind the chart. In SAP BusinessObjects Xcelsius 2008, when a chart covers another component, users cannot interact with the covered component by default.

To allow users to interact with components behind a chart:

1. Select the Chart component and open the "Properties" panel.
2. Click the **Appearance** view and on the **Layout** tab, set the following options:
  - Under "Chart Area", deselect the **Show Chart Background** option.
  - Under "Plot Area", deselect the **Show Fill** option.

## Selecting and Binding multiple components may result in multiple bindings for one property

When you select multiple components and bind a property to a value, if the component selected first does not have a binding for the property and the component selected second did, then the second component will have two bindings for that property value. Since a single property cannot be bound to multiple values, the property sheet for the second component will display the existing value rather than the new value. To change the binding value, you must first delete the existing binding and then bind the property to the new value.

## Dynamic visibility behavior

In Xcelsius 2008 SP3, for a component to be hidden using "Dynamic Visibility" when the model runs, a valid value must be specified in both the **Status** box and in the **Key** box for dynamic visibility. If a Status value is specified and the Key value is not, the component remains visible in the model.

In Xcelsius 2008 SP2, components were hidden whenever a value was specified in the **Status** box, regardless of whether the **Key** value was set.

Workaround: If a value is entered in the **Status** box for dynamic visibility, ensure a **Key** value is also set.

1. Select the component and open the "Properties" panel.
2. In the "Properties" panel, click **Behavior** > **Common**.
3. Under "Dynamic Visibility", if a value is set in the **Status** box, set an appropriate value in the **Key** box.

**Note:**

If the component is not required for the model, remove it to reduce the file size of the SWF file and improve overall performance.

## Connectivity

### BusinessObjects Xcelsius Enterprise 2008

#### Live Office

##### **Live Office Compatibility Mode Open from BusinessObjects Enterprise**

Even if "Live Office Compatibility Mode" is enabled, the Live Office application does not provide the full functionality from within Xcelsius 2008 as is provided from within Microsoft Office applications. For example, you cannot open Microsoft Excel spreadsheets that are saved in InfoView. Other unavailable functionality includes publishing spreadsheets to BusinessObjects Enterprise and refresh options.

To work around this issue, use the Live Office functionality in Microsoft Excel and then import the Live Office-enabled spreadsheet into Xcelsius.

##### **Live Office-enabled Spreadsheets decrease performance**

If a model includes a Live Office-enabled spreadsheet, performance when generating SWF files decreases by about 10%. Performance is reduced even if the Live Office connection is disabled.

## Viewing Parent SWF Hosted in BusinessObjects Enterprise InfoView with Local Child content

**Problem:** Exporting a SWF (parent) to BusinessObjects Enterprise that has local content (e.g. a child swf, or image) stored on a local PC. The parent SWF can be viewed in InfoView but it cannot load the child content.

**Workaround:** There is no workaround for this. This is an Adobe security restriction. The Adobe Flash Player 9 does not allow a SWF hosted on a URL (For example, BusinessObjects Enterprise InfoView or a website) to load a file that is stored on a local file system. Parent SWF files hosted in BusinessObjects Enterprise InfoView must have child content that is also hosted in BusinessObjects Enterprise InfoView.

For more information, see the *Security Changes in Flash Player 9* document available on the Adobe website at [http://www.adobe.com/devnet/flashplayer/articles/fplayer9\\_security.html](http://www.adobe.com/devnet/flashplayer/articles/fplayer9_security.html)

## Portal data connection checkbox behavior

If a **Portal Data Connection** is added to a model for an IBM WebSphere connection with **Connection Type** set to **None** and **Parameter Type** set to **CheckBox**, when users select the checkbox on the IBM Websphere Portal, the insert value is -1. When the checkbox is not selected the insert value is null.

## SAP NetWeaver BW Connections and 2-way SSL authentication

In design mode, when selecting a query in an SAP NetWeaver BW Connection that requires 2-way SSL authentication, a 2032 error occurs.

The connection works correctly at runtime. An SAP NetWeaver BW Connection with 1-way SSL authentication works correctly in both design mode and at runtime.

## Microsoft Excel

### Microsoft Excel stops responding

If both Xcelsius and Microsoft Excel are used simultaneously on the same system, Microsoft Excel may stop responding.

To minimize the possibility for this issue to occur, do the following:

- Ensure that all Microsoft Excel updates are installed.
- When working with both Xcelsius and Excel at the same time, always start Xcelsius first and then start Excel.

### Microsoft Excel Functions

#### Array Formulas (entered using Ctrl + Shift + Enter)

Issue: Xcelsius 2008 does not support Microsoft Excel array formulas.

Condition: Formula is an array formula, entered using **Ctrl + Shift + Enter**, enclosed between braces `{}` e.g. `= { SUM ( B2 : D2 * B3 : D3 ) }`.

Behavior: Incorrect calculation is returned by Xcelsius 2008.

#### DATEVALUE(date\_text)

Issue: Xcelsius 2008 does not support Microsoft Excel's internal text-based date format.

Condition: Date\_text is entered in non-numeric format, e.g. January 1, 2008.

Behavior: Xcelsius 2008 will return #VALUE!. Excel will return its internal date value.

#### Functions with “optional” parameters

For Excel functions that have parameters which are optional, or have values that can be omitted, it is recommended to provide values for these parameters. Omitting values for optional parameters may prevent your visualization from rendering.

#### INDEX(array, row\_num, column\_num)

Issue: Xcelsius 2008 calculates INDEX as a value, not a cell reference. Therefore, it cannot be combined with other functions that use cell references.

Condition: Other functions combined with INDEX requiring a cell reference, i.e. `SUM (A1 : INDEX (...))`.

Behavior: Xcelsius 2008 calculates a value, creating an error for other functions that use cell references.

### **IRR(values, guess)**

Issue: Xcelsius 2008 returns incorrect calculation if the guess value is negative.

Condition: Guess value is negative.

Behavior: Xcelsius 2008 returns blank. Excel returns a valid IRR value.

### **SUMIF(range, criteria, sum\_range)**

Issue: Xcelsius 2008 does not calculate an expanded sum\_range if range cell selection is larger than sum\_range cell selection.

Condition: Range cell selection is larger than sum\_range cell selection.

Behavior: Xcelsius 2008 only calculates cells selected in the sum\_range; Excel calculates an expanded sum\_range based on the larger cell selection of range.

### **SUMPRODUCT((Condition1)\*(The range to sum))**

Issue: Xcelsius 2008 does not support the use of `SUMPRODUCT ((Condition1)*(The range to sum))`.

Condition: `((Condition1)*(The range to sum))` is not supported.

Behaviour: The function returns #VALUE when run. Xcelsius 2008 only supports the use of `SUMPRODUCT(Range1,Range2, ...)`.

### **SUMXMY2, SUMX2MY2, and SUMX2PY2 functions**

Issue: When SUMXMY2, SUMX2MY2, or SUMX2PY2 functions are set to an error message such as #Value!, in run-time, Xcelsius 2008 returns the value NaN instead of #Value!.

### **TEXT(value, format\_text)**

Issue: Xcelsius 2008 doesn't support formatting Excel internal numbering scheme into year.

Condition: Value is between Excel's minimum and maximum year (in number form); format\_text value is e.

Behavior: The formula =TEXT(1, "e") Xcelsius 2008 returns e; Excel returns value 1900.

**VLOOKUP(lookup\_value, table\_array, col\_index\_num, range\_lookup) and  
HLOOKUP(lookup\_value, table\_array, row\_index\_num, range\_lookup)**

Issue: Microsoft Excel and Xcelsius 2008 produce different calculation results on duplicated lookup\_value in table\_array. Microsoft has reported a known issue with these functions.

Conditions:

- Range\_lookup value is omitted or set to *TRUE*.
- Lookup\_value in table\_array is duplicated (two or more times).
- The values in the first column of table\_array are sorted in ascending order.

Behavior: Xcelsius 2008 will return the value from the FIRST row/column found in the table\_array; Excel will return the value from the LAST row/column in the table\_array.

## IFERROR Excel function not supported

In the SAP BusinessObjects Xcelsius 2008 User Guide and online help, IFERROR is mistakenly listed as a supported Excel function. The IFERROR function is not supported in Xcelsius 2008.

## Optimize Spreadsheet option and "&" character

If a worksheet in the embedded spreadsheet has a name that contains the "&" character and, on the Excel Options dialog box, the **Optimize Spreadsheet** option is enabled, components with data binding to that worksheet may not display the data properly during preview and runtime.

Workaround: Disable the Optimize Spreadsheet option.

1. Click **File > Preferences > Excel Options** .

2. Under "Optimize Spreadsheet", deselect **Enable**.
3. Click **OK**.