



SAP BusinessObjects Feature Evolution Guide

■ SAP BusinessObjects

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Contents

Chapter 1	About this Guide.....	5
1.1	Limitations.....	5
1.2	Feedback.....	5
1.3	Disclaimer.....	6
Chapter 2	SAP BusinessObjects Enterprise.....	7
2.1	Deprecated features.....	7
2.2	Unsupported features.....	8
Chapter 3	SAP BusinessObjects Web Intelligence.....	13
3.1	Deprecated features.....	13
3.2	Unsupported features.....	13
Chapter 4	SAP BusinessObjects Mobile.....	15
4.1	Deprecated features.....	15
4.2	Unsupported features.....	15
Chapter 5	SAP Crystal Presentation Design (Xcelsius).....	17
5.1	Deprecated features.....	17
5.2	Unsupported features.....	17
Chapter 6	SAP Crystal Reports 2011.....	19
6.1	Deprecated features.....	19
6.2	Unsupported features.....	19
Chapter 7	Translation Management Tool (Translation Manager).....	21
7.1	Deprecated features.....	21
7.2	Unsupported features.....	21

Chapter 8	Products without Deprecated or Unsupported Features.....	23
Appendix A	More Information.....	25
Index		27

About this Guide

This guide describes deprecated and unsupported features in SAP BusinessObjects.

What is a deprecated feature?

A deprecated feature may appear in the product and may still be supported. However, this feature will become unsupported in a future version.

The deprecation period is the amount of time that passes between an announcement of deprecation and the end of support for a feature. During this period, deprecated features in the product are fully supported. Technical support is also available for these features (as long as the product version is still supported).

What is an unsupported feature?

An unsupported feature may appear in the product. However, technical support calls or enhancement requests related to this feature are no longer accepted.

1.1 Limitations

This guide does not cover the changes in third-party platforms and databases that occur with each release. For a detailed list of supported operating systems and hardware requirements, see the *Supported Platforms* guide available at <http://service.sap.com/bosap-support>

This guide also does not cover product end-of-life specifications.

Note:

Every effort is made to communicate information about features that become deprecated or unsupported with each release. However, any features (including sample reports and sample applications) may become deprecated or unsupported, and may be modified or removed from any product without prior notice. Any feature is also subject to change based on customer feedback.

1.2 Feedback

Information regarding unsupported and deprecated features in this guide is based on customer feedback and other factors. This information is subject to change without notice.

To provide feedback on this guide, contact deprecation_feedback@businessobjects.com.

1.3 Disclaimer

This document is intended only for informational purposes. This document is not legally binding. The content of this document is subject to change at any time without notice. SAP BusinessObjects is not liable for any damage resulting from the statements in this document, including (without limitation) direct, indirect, or consequential damages, even if advised of the possibility of such damages.

SAP BusinessObjects Enterprise

2.1 Deprecated features

Feature name	Recommended alternative
Business Process BI web services	<p>Use the SAP BusinessObjects Enterprise Web Services Consumer SDK for web applications that require loose coupling with the BI platform. In all other cases, use the SAP BusinessObjects Enterprise Java SDK.</p> <p>Note: The Business Process BI services will no longer be developed.</p>
Crystal Reports local viewer in Siebel Integration Kit XI R2	Use Siebel Wireless or Siebel Mobile Web Clients (in networked mode) to connect to SAP Crystal Reports running on an SAP BusinessObjects Enterprise deployment.
InfoView Discussion Threads	Enable this feature (it is disabled by default).
JavaServer Faces Components for SAP BusinessObjects Enterprise	Use the SAP BusinessObjects Enterprise Java SDK or SAP BusinessObjects Enterprise Web Services Consumer SDK to develop your applications.
Knowledge Management Integration iViews for the SAP Portal Integration Kit (KM.par)	Use the Document List iView and Document List View.
Selected APIs from the SAP BusinessObjects Enterprise Java SDK	For more information, see the “Deprecated API” section of the <i>SAP BusinessObjects Enterprise Java API Reference</i> , the <i>Report Application Server Java API Reference</i> , and the <i>Viewers Java API Reference</i> .

2.2 Unsupported features

Feature name	Recommended alternative
InfoView Advanced Search	Use the new search function in SAP BusinessObjects Enterprise XI 4.0.
Alerts iView for the SAP Portal Integration Kit	Alerts iView is no longer available. Use the Document List View to display alerts sent to the user Inbox. You can also use the Document List View to display Crystal reports that contain alerts.
Analytics based on Query on Universe	Use SAP Dashboard Design products to build visualizations.
Audit report samples	Sample audit reports are no longer installed or supported. Create your own reports or use available samples from the SAP Developer Network.
Audit universe samples	Sample audit universes are no longer installed or supported. Create your own reports or use available samples from the SAP Developer Network.
Copying dashboards	Click Save As to copy a BI workspace module.
Contextual Search by Default	Use the new search function in SAP BusinessObjects Enterprise XI 4.0.
Database Migration Wizard	Previously, the Database Migration Wizard allowed you to migrate the contents of your deployment from previous versions of SAP BusinessObjects to SAP BusinessObjects XI R2 (and later). Use the upgrade management tool to perform a Complete Upgrade.
Display scrollbar for dashboard contents in InfoView "User Preferences"	This is an unused feature from the Application Foundation.
Encyclopedia	Use SAP BusinessObjects Metapedia. For more information about Metapedia, see the <i>SAP BusinessObjects Information Steward User Guide</i> .

Feature name	Recommended alternative
Expanded bar actions for reports embedded in Dashboards	Use the following actions: <ul style="list-style-type: none"> • Edit • Save • Save As • Send to Email
Full View in InfoView "User Preferences" for BI workspace objects	Maximize your browser window to view your BI workspace objects in full-page view.
Import Wizard	<p>Previously, the Import Wizard allowed you to import, export, and upgrade BI content (such as user accounts, groups, folders, reports, universes, security settings, servers, and other objects).</p> <p>Use the upgrade management tool. The lifecycle management console replaces some of the previous Import Wizard functionality.</p> <p>Note: You can upgrade to SAP BusinessObjects Enterprise XI 4.0 from XI 3.x, XI Release 2 SP2 (or higher), or a Business Intelligence Archive Resource (BIAR) file generated from XI R2 SP2 (or higher, except XI 4.0). If you have an older deployment, you must perform a two-tiered upgrade. For more information, see the <i>SAP BusinessObjects Enterprise Upgrade Guide</i> and the <i>Lifecycle management console for SAP BusinessObjects Enterprise Guide</i>.</p> <p>Use the Central Configuration Manager to back up and restore your server configuration.</p>
<code>initconfig.properties</code> configuration of Central Management Server (CMS) parameters for dashboards	These parameters are no longer required. The Dashboard server automatically acquires all necessary information.
My Dashboard	Use BI workspace to create personal modules (save to personal folders). For more information about creating personal dashboards, see the <i>BI launch pad User Guide</i> .
My InfoView and InfoView Page Layout	Use BI workspace pages. For more information, see the <i>BI launch pad User Guide</i> .

Feature name	Recommended alternative
<p><code>openAnalytic.jsp/performancemanagementhome.jsp</code> for Dashboard and Analytic URL linking</p>	<p>Use OpenDocument. For a detailed list of supported parameters for opening BI workspace pages using OpenDocument, see the BI workspace documentation and the <i>Viewing documents using OpenDocument Guide</i>.</p> <p>Note: The <code>NavPos</code> parameter is now supported only at the tab/subtab level.</p>
<p>Organizing dashboards</p>	<p>All BI workspace modules are now sorted by name, in ascending order.</p>
<p>PeopleTools 8.21-8.45 for PeopleSoft Integration Kit</p>	<p>PeopleTools 8.21-8.45 is not supported in SAP XI 4.0. To use the Integration Kit for PeopleSoft, you must upgrade to PeopleTools 8.46-8.50.</p>
<p><code>prefsUtilCopy.jar</code> is a legacy tool used to copy user preferences in BI workspace.</p>	<p>Previously, <code>prefsUtilsCopy.jar</code> allowed you to copy the user preferences in a BI workspace.</p> <p>Use the Central Management Console (CMC) to copy user preferences.</p>

Feature name	Recommended alternative
Publishing Wizard	<p>Previously, the Publishing Wizard allowed you to upload the following document types in bulk:</p> <ul style="list-style-type: none"> • Crystal Reports (.rpt) • Xcelsius - SAP Crystal Web Intelligence (.xlf) • Voyager Workspace (.amw) • .doc, .xls, .ppt, .pdf, .swf, .exe, and .bat <p>Use the Report Upload Wizard for .rpt files. The tool is now installed with SAP Crystal Reports 2011 Designer, as a subset of the Publishing Wizard.</p> <p>There are two ways to upload all other content types previously supported by the Publishing Wizard:</p> <ul style="list-style-type: none"> • Use the SAP BusinessObjects Enterprise CMC to upload individual files. Navigate to the directory to which you want to upload the document, and click Manage > Add > Local Document. • Use the SAP BusinessObjects Enterprise SDK to write a script that can upload files in bulk using methods for creating and updating InfoObjects. The following is an example procedure: <ol style="list-style-type: none"> 1. Use the Plugin Manager to retrieve the plugin for the correct document type (for example, use Web Intelligence for SAP BusinessObjects Web Intelligence). 2. Retrieve the ID of the directory that you want to upload the InfoObjects to. 3. Create a collection of InfoObjects and add the document to it, using the folder ID as the parent ID. 4. Repeat the previous steps for all files or documents that you want to upload. <p>Note: Query the Plugin Manager only once per file type.</p> <ol style="list-style-type: none"> 5. Commit the collection of InfoObjects to the CMS.

Feature name	Recommended alternative
PublishTemplate	<p>Previously, PublishTemplate allowed you to upload Universe-based analytics created with SAP Dashboard Design.</p> <p>Use SAP Dashboard Design products to build visualizations. Click Export in SAP Dashboard Design to upload your visualizations to SAP BusinessObjects Enterprise.</p>
ReportEngine, QueryService and SaveService web services	<p>SAP BusinessObjects Enterprise 4.0 Web Services no longer supports Web Intelligence documents.</p> <p>(Crystal Reports is still supported with ReportEngine Web Services).</p>
SAP BusinessObjects Web Intelligence Rich Client report instances editing	Click Save As to save an instance as a new report and then click Edit report .
Searching by content	Use the new search function in SAP BusinessObjects Enterprise XI 4.0 to locate content.
Searching by keywords, title, description, and all fields	Use the new search function in SAP BusinessObjects Enterprise XI 4.0 to locate all metadata simultaneously.
Server-side logging in Dashboard and Analytics System setup	Use the <code>-trace</code> parameter in the CMC server settings.
Thumbnail iView for the SAP Portal Integration Kit	Thumbnail iView is no longer supported because it was an infrequently-used sample feature in the SAP Portal Integration Kit.
User interface customization via the InfoView "Applications" page in the CMC	Use a custom style sheet to change visual styles. Use objects rights to change or disable interface features.
web.xml customization	<p>Enter custom parameters into the component .properties file. For example, InfoView properties will be entered in the InfoView.properties file.</p> <p>Note: Patches do not overwrite the custom entries in this file.</p>

SAP BusinessObjects Web Intelligence

3.1 Deprecated features

Feature name	Recommended alternative
3D charts (3D line, 3D area, 3D surface)	<p>Use 3D bar charts.</p> <p>Note: All 3D charts are converted to 3D bar charts.</p>
Report Engine Java SDK (ReBean)	<p>In SAP BusinessObjects Enterprise XI 4.0, the Report Engine SDK supports the following features:</p> <ul style="list-style-type: none"> • Document viewing (except document drills) • DataProviders (except SQLDataProvider) • Prompts and list of values • Contexts <p>The SDK will not support the following features:</p> <ul style="list-style-type: none"> • Document and report editing • DataSource (except KeyDate tools) • Query (except document refresh, and runQuery using the DataProvider interface) <p>See the “Deprecated API” section of the <i>ReBean Java API Reference</i> for more information.</p>

3.2 Unsupported features

Feature name	Recommended alternative
ReportEngine, QueryService and SaveService Web services	SAP BusinessObjects Enterprise 4.0 Web Services will no longer support Web Intelligence documents.

Feature name	Recommended alternative
ReportEngine .NET SDK	Use the ReportEngine Java (REBean) SDK.

SAP BusinessObjects Mobile

4.1 Deprecating features

SAP BusinessObjects Mobile has no deprecated features.

4.2 Unsupported features

Feature name	Recommended alternative
Analytics	Analytics are no longer available on the SAP BusinessObjects Enterprise platform. Also, they can no longer be used by the Mobile client.

SAP Crystal Presentation Design (Xcelsius)

5.1 Deprecated features

Feature name	Recommended alternative
Excel XML Map connection	Use the XML Data connection.
FS Command connection	Use the External Interface connection.
Query as a Web Service (QaaWS) connection	Use new Universe Queries in SAP BusinessObjects Enterprise XI 4.0 to access enterprise data sources.

5.2 Unsupported features

SAP Crystal Presentation Design has no unsupported features.

SAP Crystal Reports 2011

6.1 Depreciated features

Feature name	Recommended alternative
ActiveX Viewer	Use the DHTML Viewer.
Java Applet Viewer	Use the DHTML Viewer.
Lotus Notes ODBC driver	Use the IBM ODBC driver. Note: This driver is still fully supported.

6.2 Unsupported features

Feature name	Recommended alternative
Boolean group parameters	You cannot use Boolean parameters as grouping criteria, but Boolean parameters are still supported.
Viewers class library	For a detailed list of deprecated APIs in the Java DHTML Viewer class library, see the “Deprecated API” section of the <i>Viewers Java API Reference</i> .
Legacy Outlook database driver (crdb_p2outlk.dll)	Use the Outlook/Exchange driver (crdb_p2smapi.dll).
Legacy XML Exporter (crxf_xml.dll)	Use the new XML Exporter (crxf_xml2.dll).

Feature name	Recommended alternative
Lotus Notes Native Driver for SAP Crystal Reports	Use the Lotus Notes ODBC Driver with SAP Crystal Reports. Note: The native driver is no longer shipped or installed.
Event rendering in the .NET WebForm Viewer	Rendering events in the .NET WebForm Viewer is no longer supported.
Field Definitions Only database driver (crdb_fielddef.dll) and the Crystal Data Objects database driver (crdb_cdo.dll)	Use the ADO.NET (XML) data driver. The Field Definitions Only and Crystal Data Objects drivers were used to create reports to be processed by Report Designer Component (RDC). Crystal Reports .NET (CR .NET) for Visual Studio has replaced the RDC as of XI R2. Note: CR .NET does not require Field Definitions to create reports. Use ADO.NET (XML) as a data source.
SAP BW connectivity using the Crystal Reports SAP BW Query data driver	Use the SAP BW MDX driver. This driver improves upon the performance and functionality of the SAP BW Query driver. Alternatively, you can use SAP BW connectivity in Crystal Reports for Enterprise. Note: Using the SAP BW MDX driver has been recommended as of XI R2.
Selecting Report Bursting indexes in the Crystal Reports Designer.	It is no longer necessary to make changes to the report design, because internal indexing has been improved. Note: This issue does not affect the general Report Bursting features used in large deployments.
Static HTML export from the Crystal Reports Designer	Use the DHTML Viewer, export to PDF, or use the Offline Viewer.
Using the Data Source Migration Wizard to migrate Dictionaries, Queries and InfoViews from 9.0 (and earlier) to SAP BusinessObjects Enterprise.	Crystal Reports 9.0 and Crystal Enterprise 9.0 (and earlier) are no longer supported, and the Data Source Migration Wizard is no longer shipped or installed.

Translation Management Tool (Translation Manager)

7.1 Deprecated features

Feature name	Recommended alternative
Secured local resources	The Translation Management Tool can open universes or SAP BusinessObjects Web Intelligence documents only if it is connected to a Central Management Server.

7.2 Unsupported features

The Translation Management Tool has no unsupported features.

Products without Deprecated or Unsupported Features

The following products have no deprecated or unsupported features:

- Integration Option for Microsoft SharePoint software (only 64-bit versions)
- Java Portal Integration Kit
- SAP BusinessObjects Advanced Analysis
- SAP BusinessObjects Data Federator
- SAP BusinessObjects Explorer
- SAP BusinessObjects Live Office
- SAP Crystal Reports for Enterprise XI 4.0
- Universe Design Tool (Universe Designer)

More Information

Information Resource	Location
SAP BusinessObjects product information	http://www.sap.com
SAP Help Portal	<p>Navigate to http://help.sap.com/businessobjects and on the "SAP BusinessObjects Overview" side panel click All Products.</p> <p>You can access the most up-to-date documentation covering all SAP BusinessObjects products and their deployment at the SAP Help Portal. You can download PDF versions or installable HTML libraries.</p> <p>Certain guides are stored on the SAP Service Marketplace and are not available from the SAP Help Portal. These guides are listed on the Help Portal accompanied by a link to the SAP Service Marketplace. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.</p>
SAP Service Marketplace	<p>http://service.sap.com/bosap-support > Documentation</p> <ul style="list-style-type: none"> • Installation guides: https://service.sap.com/bosap-instguides • Release notes: http://service.sap.com/releasenotes <p>The SAP Service Marketplace stores certain installation guides, upgrade and migration guides, deployment guides, release notes and Supported Platforms documents. Customers with a maintenance agreement have an authorized user ID to access this site. Contact your customer support representative to obtain an ID. If you are redirected to the SAP Service Marketplace from the SAP Help Portal, use the menu in the navigation pane on the left to locate the category containing the documentation you want to access.</p>
Docupedia	<p>https://cw.sdn.sap.com/cw/community/docupedia</p> <p>Docupedia provides additional documentation resources, a collaborative authoring environment, and an interactive feedback channel.</p>
Developer resources	<p>https://boc.sdn.sap.com/</p> <p>https://www.sdn.sap.com/irj/sdn/businessobjects-sdklibrary</p>

Information Resource	Location
SAP BusinessObjects articles on the SAP Community Network	https://www.sdn.sap.com/irj/boc/businessobjects-articles These articles were formerly known as technical papers.
Notes	https://service.sap.com/notes These notes were formerly known as Knowledge Base articles.
Forums on the SAP Community Network	https://www.sdn.sap.com/irj/scn/forums
Training	http://www.sap.com/services/education From traditional classroom learning to targeted e-learning seminars, we can offer a training package to suit your learning needs and preferred learning style.
Online customer support	http://service.sap.com/bosap-support The SAP Support Portal contains information about Customer Support programs and services. It also has links to a wide range of technical information and downloads. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.
Consulting	http://www.sap.com/services/bysubject/businessobjectsconsulting Consultants can accompany you from the initial analysis stage to the delivery of your deployment project. Expertise is available in topics such as relational and multidimensional databases, connectivity, database design tools, and customized embedding technology.

Index

D

- databases, third-party 5
- deprecated features 5
 - SAP BusinessObjects Enterprise 7
 - SAP BusinessObjects Mobile 15
 - SAP BusinessObjects Web Intelligence 13
 - SAP Crystal Presentation Design (Xcelsius) 17
 - SAP Crystal Reports 2011 19
 - Translation Management Tool (Translation Manager) 21
- disclaimer 6

F

- features
 - deprecated 5
 - SAP BusinessObjects Enterprise 7
 - SAP BusinessObjects Mobile 15
 - SAP BusinessObjects Web Intelligence 13

- features (*continued*)
 - deprecated (*continued*)
 - SAP Crystal Presentation Design (Xcelsius) 17
 - SAP Crystal Reports 2011 19
 - Translation Management Tool (Translation Manager) 21
 - evolution 5
 - unsupported 5
 - SAP BusinessObjects Enterprise 8
 - SAP BusinessObjects Mobile 15
 - SAP BusinessObjects Web Intelligence 13
 - SAP Crystal Presentation Design (Xcelsius) 17
 - SAP Crystal Reports 2011 19
 - Translation Management Tool (Translation Manager) 21
- feedback 5

L

- limitations 5

P

- platforms, third-party 5
- products with no deprecated or unsupported features 23

T

- third-party
 - databases 5
 - platforms 5

U

- unsupported features 5
 - SAP BusinessObjects Enterprise 8
 - SAP BusinessObjects Mobile 15
 - SAP BusinessObjects Web Intelligence 13
 - SAP Crystal Presentation Design (Xcelsius) 17
 - SAP Crystal Reports 2011 19
 - Translation Management Tool (Translation Manager) 21

