BusinessObjects Enterprise XI Release 2 Release Notes

Contents

Contents

Contents

Contents

Contents

Contents

Contents

Contents

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About these notes

The notes contained in this document cover important information about this product release, including: installation notes, details regarding known issues with this release, and important information for existing customers.

This product release contains products on Microsoft Windows and Sun Solaris platforms. The release notes include a section for each. Be sure to read the notes for all platforms as required.

Please read the entire document before installing your Business Objects software, and be sure to visit the Business Objects support web site for additional notes and information that may become available following the release of this document.

What is BusinessObjects Enterprise XI?

BusinessObjects Enterprise XI brings together features from across the Business Objects product line the meet the diverse needs of users, from presentation-quality reporting to in-depth analysis.

Third-party contributors and applications

For acknowledgements of third-party contributors and applications, in addition to related license information, please see http://www.businessobjects.com/thirdparty.

Part I - XI R2 Solaris

part I

BusinessObjects Enterprise

Supported platforms

- For a complete list of system requirements and supported platforms, see the `platforms.txt` file included with your product distribution. For complete installation instructions, see the installation guide (`install.pdf`).

Certain Sun patches not supported

- Sun Microsystems, Inc., has issued Sun Alert Notification 101995 announcing that certain of its patches to the SPARC platform may cause applications with a large number of "delayed" loadable dependencies to experience startup failures.

  Therefore, Business Objects does not support the following Sun linker patches with its products:
  - Solaris 8 with patch 109147-36 through 109147-39
  - Solaris 9 with patch 112963-21 through 112963-24

  Business Objects recommends use of the following earlier patches in place of the ones listed above:
  - Solaris 8 with patch 109147-26
  - Solaris 9 with patch 112963-17

  Sun Alert Notification 101995 is available at this site if you have a Sun Service Plan account:
  http://sunsolve6.sun.com/search/document.do?assetkey=1-26-101995-1&searchclause=Loadable%20dependencies)

Deployment

- The page "ceviewer.jsp" inside desktop.war is not used in Java InfoView. When deploying Java InfoView, a compilation error may occur for this page:

  http://<machine-name>:<port>/viewers/rpt/ceviewer.jsp

  Since ceviewer.jsp is not part of any Java InfoView workflow, the compilation error is unlikely to be noticed unless the above URL is requested. The error may occur when Java InfoView is deployed on Websphere 6, Oracle 10g and Weblogic 8.1.

  Workaround: Do one of the following:

- Edit line 181 to change "getServletContext()" to "getServletConfig().getServletContext()"
- Remove ceviewer.jsp from the desktop.war file.

- When Desktop.war is deployed on a Web Application Server running on a UNIX platform, Windows AD authentication is offered as an option on the Java InfoView logon page. However, Windows AD authentication is not supported for Java InfoView on UNIX platforms.

  Workaround: Select another authentication option for Java InfoView on UNIX platforms.

Suite installation

Installing co-existing products

- For the beta release of this product, only a New installation is supported for Solaris 9 and AIX 5.2. The following types of installations are not supported: Custom, Expand, System, and Silent. Uninstalling is also not supported.
- In a UNIX installation, the auditing option is enabled by default. To disable auditing, press the space bar to clear the auditing option, then press Tab, and then press Enter. Note that for all other options, pressing Tab is not required; this occurs only when you disable auditing.
- If the port setting for the Configuration Management System (CMS) is changed from its default setting, Connection Server does not shut down when you exit the Business Objects product suite.

  Workaround: Install the CMS with the default port setting and do not change it.

Broadcast Agent Publisher

- Complicated scheduling scenarios risk causing poor performance. **Workaround**: Avoid complicated scheduling scenarios.
- When you schedule a publication to multiple destinations, and one of those destinations is "Inbox", the instance may be delivered to more Inboxes than were specified.

Upgrading and migrating issues

- Third-party Business Objects 6.5 users who don't have an explicit user account in the repository will not be able to import their personal content (personal documents, categories, and inbox documents) to Business Objects Enterprise XI Release 2.

  Workaround: Before beginning the import process, create explicit user accounts in E6.5 for all 3rd-party users whose personal content you wish to import to Business Objects Enterprise XI Release 2 .

- In-place upgrade is no longer supported in UNIX installations.

Repository

The CMS cannot process any undefined SQL queries. The results returned may be unpredictable.

Security

When Java Windows Active Directory (AD) authentication is used, users with non-ASCII user names are unable to log in. This is a limitation of the Java API.

Database issues

When you use a record selection formula with the equal sign based on a string, the XML instance field will not return a value if the XML data is padded with spaces to fill the string to maximum length.

Workaround: To define an XML element as the string type, you can use this method to delete padded spaces:

```
<xsd:simpleType name = "myString">
        <xsd:restriction base = "xsd:string">
            <xsd:maxLength value="255"/>
            <xsd:whiteSpace value = "collapse"/>
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:element name="col1">
    <xsd:complexType>
```

```
<xsd: sequence>
    <xsd: element name="col1" type="myString" />
</xsd: sequence>
</xsd: complexType>
```

Broadcast Agent Publisher

If a Publication is producing unexpected output, misconfigured Profile Targets may be the cause.

Workaround: Check the Solaris Event Log (i.e. /var/adm/messages) to see if this is the case. If it is, debugging information for Profile Targets will be logged if there.

International issues

Japanese characters look incorrect when viewed on a Japanese UNIX installation of BusinessObjects Enterprise. This occurs because the incorrect font name was used. To resolve this issue, be sure to use the exact font names as they are installed on your computer. If the font required cannot be found on the computer, a correct substitution may not be made. To work around this, ensure that all of the fonts you require are installed on the computer.

Crystal Reports

Connectivity

- If the Essbase connectivity from Crystal Reports is required on Solaris, the TMPDIR environment variable must be explicitly set to a value whose length is no more than 8 characters before starting the servers.

- IBM JDK 1.4.2. does not support a JDBC data driver connection to Liquid Data Server.

Miscellaneous

- In Microsoft Visual Studio 2002, if you try to upgrade a project that does not have a StartupService tag, the project will not be updated.

  Workaround: Upgrade from the project file instead of the solution file.

- To export or print a report using the .NET webform viewer in Safari, the export dialog box may show up as a blank page. This is due to Safari caching the page. You can workaround the issue by refreshing the export dialog box.

- When running Teradata ODBC reports on UNIX, some stability issues were found in certain configurations. It is recommended that you configure dedicated reports servers that will run only Teradata ODBC reports. Teradata JDBC was found to be more stable in the same configurations.

- In the Java Reporting Component (JRC), changing a parameter value that is used in a record selection does not refresh the data. It is recommended, in these instances, that you use reports without saved data so the data is always refreshed.

- The page "ceviewer.jsp" inside desktop.war is not used in Java InfoView. When deploying Java InfoView, should a compilation error occur for this page: http://<machine-name>:<port>/viewers/rpt/ceviewer.jsp

  There are 2 workarounds. First workaround is to edit line 181, change "getServletContext()" to "getServletConfig().getServletContext()". The other workaround is to remove ceviewer.jsp from the desktop.war file.

  Since ceviewer.jsp is not part of any Java InfoView workflow, the compilation error is unlikely to be noticed unless the above URL is requested. The error may occur when Java InfoView is deployed on Websphere 6, Oracle 10g and Weblogic 8.1.

Desktop Intelligence

Application behavior

- Only PDF printing, not postscript printing, is supported for printing Desktop Intelligence documents as a scheduled job.

  Workaround: If the printer to be used does not handle PDF format, the UNIX server must be customized with a "filter" solution to define the PDF-to-postscript translation command. For a local printer (one connected to the server), a normal filter solution can be used. For a remote printer (connected to another server) or a network printer (standalone with IP address), one method is described below:

  1. Make sure Ghostscript is available on your UNIX server and available to all users.

     Ghostscript is a set of software that includes an interpreter for PDF files, with the ability to print them on printers that don't have built-in PDF printing capacity. It can be downloaded from:

     http://www.cs.wisc.edu/~ghost/

  2. Create the printer filter definition:

     cat > /etc/lp/fd/pdf2ps.fd
     Input types: any
     Printer types: any
     Printers: any
     Filter type: slow
     Command: /usr/local/bin/gs -q -sDEVICE=pswrite
     -dNOPAUSE -sOutputFile=\|'lp -d remoteprinter _'_

  3. Assign ownership and permission to the filter, because otherwise the daemon might not be able to access it:

     chown lp:lp /etc/lp/fd/pdf2ps.fd; chmod 664 /etc/lp/fd/pdf2ps.fd

  4. Register this filter with the printing system:

     /user/sbin/lpfilter -f pdf2ps -F /etc/lp/fd/pdf2ps.fd

  5. Verify the full filter:

     /use/bin/pfilter -f all -l

  6. Register the remote printer:

     lpadmin -p remoteprinter -s 10.6.5.1.5 -I simple

  7. Register the local printer:

     lpadmin -p pdfprinter -v /dev/null -I postscript

8. Allow the local queue to accept jobs and enable the local queue to output:

enable pdfprinter
accept pdfprinter

- Universe overloads are not supported by Desktop Intelligence in 2-tier mode.
- Object Level security is not supported with Desktop Intelligence.

Developer Library

General

- To access the full set of Business Objects Developer Documentation:
    1. Go to the Developer Zone website:

       www.businessobjects.com/products/dev_zone/default.asp
    2. Click the Developer Library link.

BusinessObjects Enterprise SDK

- The BusinessObjects Enterprise SDK supports only 3-tier applications. No support is provided for the development of 2-tier applications.

Library files

- For your convenience, the necessary library files (JARs or DLLs) have been packaged with the Web Services and Report Engine sample applications. However, you should always use the library files provided with your Business Objects products for production deployment purposes.

OLAP Intelligence

6

Application behavior

- For OLAP Intelligence reports, action URLs are always launched in a new browser window. Consequently, if you use the sWindow URL parameter with an openDocument URL in an action, you may receive an error.

  Workaround: Do not use the sWindow parameter in your openDocument URLs.

  The sWindow parameter determines whether the target report opens in the current browser window or in a new browser window.

International issues

- In some languages, characters in Charts may be displayed incorrectly in the Interactive Viewer.

  To enable extended characters for European languages, use these JAVA_OPTS settings:

  ```
  -Dbusinessobjects.olap.fonts.path=/<install dir>/
      bobje/enterprise115/aix_rs6000/crpe/mw/fonts
  -Dbusinessobjects.olap.fonts.default=arial.ttf
  ```

  where *install dir* is the directory where BusinessObjects Enterprise is installed.

  To enable extended characters for Asian languages, use these JAVA_OPTS settings:

  ```
  -Dbusinessobjects.olap.fonts.path=/usr/lpp/X11/lib/
      X11/fonts/TrueType/
  -Dbusinessobjects.olap.fonts.default=mtsans_
      <lang code>.ttf
  ```

  where *lang code* is k for Korean, j for Japanese, etc.

- To use InfoView in Asian languages when the server uses a non-Asian language operating system, the server needs the Asian language pack installed to prevent logon errors with OLAP Intelligence connections.

Performance Management

Installation

- Business Objects recommends that you restart all performance management servers after you have installed performance management and configured the performance management connections. In addition, you should:

  1. Log into the Central Management Console and check that the PMUser was created and that all servers are enabled and running.

  2. Log into InfoView and configure your performance management settings in the performance management setup.

- You cannot successfully create a performance management repository with an IBM DB2 account unless you have a tablespace with a page size of at least 32,768 bytes.

- When installing performance management products on UNIX platforms, the setup does not prompt you to define a user profile under which to execute the AFScheduleProgram.

  Workaround: Create the AFSchedule program manually after installation. Refer to the Understanding Application Foundation Object Migration chapter of the *BusinessObjects 6.x to XI Release 2 Migration Guide* for instructions.

Configuration

- The target database is missing after you configure performance management.

Analytics

- You cannot display a background image in the Strategy Map analytic from a local or remote file server using links like <file://>.

  Workaround: Use a relative link to a Tomcat folder (for example: "../images/Demo/globe.jpg") or absolute links to the Internet (for example <http://www.image.com/image1.jpg>).

- You cannot send the Gauge and Interactive Metric Trend analytics in SVG/Flash mode as email attachments in this release.

- An problem occurs when you open a Flash format analytic and click the Save as link: the analytic title does not appear and the format is SVG.

- Where are several Metric Trees associated with one goal or metric, only the Metric Tree is listed.
- You cannot navigate to reports if their names contain characters like @$#%^*&.
- Documents should appear in a new window when you use the sWindow=new parameter, but they do not.

Interactive Metric Trend

- When you edit an Interactive Metric Trend analytic in Flash and click **OK**, the display mode changes to SVG.
- If you cancel a new analytic without saving it, the analytic is still created.
- When you display an Interactive Metric Trend on Firefox, goal data that is not 'default goal type' appears badly aligned in customized columns.

Metric Forecaster

- An error occurs when you try to edit a Metric Forecaster analytic that is based on a model-based metric.

Connections

Sybase ASE ODBC

- The univarchar data type is not supported.
- Non-ASCII data is not supported in Performance Management for the Object for Dimension name and Object for Dimension code objects in dimension creation.

Performance Manager

- After migrating from 6.5 to BO XI R2, the publications may not be visible in the My Goals tab.

    Workaround:

    1. Migrate the BusinessObjects repository from BusinessObjects 6.5 to BusinessObjects XI R2.

2. Start your server.

3. In Strategy Builder, click the **Organization** tab.

4. Select the Everyone role and click **Edit**.

5. Click **Next** to go to the role definition page.

   The group is defined as Dynamic (Business Objects query) on the root folder name of your migrated 6.5 repository.

6. In the Groups list, select **Everyone**.

7. Click **Next**, then **Update Role**.

8. Click **Refresh Membership**.

9. Verify that all other roles are part of the "Everyone" group.

- If you create a bipolar goal based on a universe query with only one upper tolerance that is designated as the first upper tolerance, this tolerance is not displayed.

  Workaround: Select the same tolerance in both "upper tolerance" and "upper outer tolerance." This will give the same tolerance as if there were only the "upper tolerance" setting.

- In Strategy Builder, errors occur if you try to update the Everyone role.

- Performance Manager is not supported on DB2 Zseries (OS390). All other PM products are supported on OS390. See the Supported Platforms documentation on the Business Objects Customer Support site (http://support.businessobjects.com/documentation/supported_platforms/xi_release2/default.asp) for more details.

Dashboards

- The browser ceases to respond when you try to create multiple dashboards with multiple menus and submenus. In addition, a script error occurs when you add analytics to the menus and submenus and the analytics do not appear.

Dashboard Manager

- When you create metrics, a metric name is generated automatically that may not make sense in some languages. You should type your own metric name instead of using the system default name.

- The Close button for the Metric Tree default view window of metric tree does not respond.
- When you customize a corporate dashboard, the name of the dashboard disappears from the public folders list. To view the dashboard name, you need to log out and log in again to InfoView.
- You cannot refresh a metric that contains an aggregation.

Set Analysis

- In the Central Management Console, rights granted manually for analysis are not taken into account by Set Analysis.

International

- On Sybase, you cannot create dimensions with Japanese characters and French accented letters.

Japanese

- Error messages do not display correctly.
- In Map analytics, the Graph properties Display text field displays the Yen symbol as '\'.

Web Intelligence

Application behavior

Arabic Characters change order when saved in PDF and RTF formats.

Part II - XI R2 Windows

II

BusinessObjects Enterprise

Installation and deployment

- For a complete list of system requirements and supported platforms, see the platforms.txt file included with your product distribution. For complete installation instructions, see the installation guide (install.pdf).

- Disable all antivirus software before installing BusinessObjects Enterprise components. Enable your antivirus software after the installation.

- Due to third-party applications (such as JDK, JRE, and Tomcat) that do not support directories with non-ASCII characters, BusinessObjects Enterprise XI R2 does not support installation to a directory that contains non-ASCII characters.

- If BusinessObjects Enterprise XI is uninstalled and then re-installed, the tables from the previous MySQL installation are used as the CMS repository.

- Users with Non-ASCII usernames will fail to log on to BusinessObjects Enterprise XI R2 using Java Windows AD authentication. This is a limitation of the Java API.

  Non-ASCII usernames are not supported by Kerberos. This is a known Kerberos limitation. The Kerberos V protocol is not internationalized, and currently does not provide a means of specifying the character set to be used.

- During a custom installation, the Web Component Adapter (WCA) screen may appear even though the option to install Tomcat has already been selected.

- If you use Microsoft SharePoint and add a report in .NET InfoView, an error message appears.
  Workaround: Do not deploy the .NET WCA to the "Microsoft SharePoint Administration" IIS website, which is part of the Microsoft FrontPage Server Extensions.

- BusinessObjects Enterprise installs MySQL 4.1.9 and configures it to start by default on port 3306. If you have another version of MySQL installed which is already running on this default port number, the version of MySQL that BusinessObjects Enterprise installs will not start.
  Workaround: Before installing BusinessObjects Enterprise, check whether MySQL is installed on the machine and if so, what port it is configured to start on. If it is configured to start on port 3306, specify a different port number for MySQL when installing BusinessObjects Enterprise.

- For a UNIX installation, if you are installing MySQL server with BusinessObjects Enterprise, then you cannot use the `mysql` command to access the local MySQL server. You must source `env.sh` before running MySQL clients.

- The outcome of the following workflow is by design:

  1. Install BusinessObjects Enterprise XI Release 2 with performance management on machine A.

  2. Re-deploy the Desktop.war on machine B.

  3. Access the application from machine B.

  Outcome: You cannot modify the system field (CMS name and port) from the logon page.

- When installing BusinessObjects Enterprise XI Release 2 on a Windows XP machine, the option "Perform Server Installation" is the default option on the Select Client or Server Installation step of the installation wizard. To install Desktop Intelligencd or Designer you need to select **Perform Client Installation**.

- Uninstalling BusinessObjects XI Release 2 removes the MySQL 4.13a service but leaves all the MySQL files, including the CMS data, in the local machine. However, it is possible to start MySQL after uninstallation of BusinessObjects using console mode by carrying out these steps:

  1. Remove all innoDB files (all of ibdata*, <localhost_name>.pid, <localhost_name>.err) or remove them from C:\Program Files\Business Objects\MySQL\mysql-pro-4.1.13a-win32\data, if they are present.

  2. Copy MySQL configuration file C:\Program Files\Business Objects\MySQL\mysql-pro-4.1.13a-win32\my-medium.ini (or your choice of one of the other included my-*ini files) to your %SYSTEMROOT% directory.

  3. Rename the file %SYSTEMROOT%\my-medium.ini (or the copied-over my-*ini file) to my.ini.

  4. Edit %SYSTEMROOT%\my-ini as follows: under sections "[client]" and "[mysqld]", comment out the line starting with "socket" by adding a "#" in front of the line.

  5. Start up the Standalone Console MySQL application by running this command in the bin directory of MySQL as follows:

     C:\Program Files\Business Objects\MySQL\mysql-pro-4.1.13a-win32\bin>mysqld --console

6. You are ready to run MySQL commands. For example, to connect to MySQL and BOE115 database, run this command in a new console window:

    C:\Program Files\Business Objects\MySQL\mysql-pro-4.1.13a-win32\bin>mysql -h <localhost_name> -P 3306 -u BusinessObjects -p<password> -D BOE115

7. To confirm that your connection is successful, you see the users "root" and "BusinessObjects" displayed in the console after typing the mysql command below:

    ```
    mysql > select user, host, password from mysql.user
          > ;
    ```

*   Autodetection of CrystalReports_11_5_2005.msm is not supported on Visual Studio 2005.

    Workaround: To enable autodetection of CrystalReports_11_5_2005.msm in Visual Studio 2005, rename the **CrystalReports115List.xml** file to **CrystalReports115Listxml123**, or copy it to another location, or delete it. If you simply rename this XML file, autodetection does not work.

*   When performing a RAS XI Standalone to RAS XI Release 2 upgrade, the last screen of the installation wizard gives incorrect information on how to complete the upgrade.

    Workaround: When upgrading from RAS XI Standalone to RAS XI Release 2, ignore the steps described on the last screen of the installation wizard. In this situation there is no need to do any database migration. After installation, you only need to manually start the CMS.

*   If .NET Framework 2.0 Beta 2 is installed before installing BusinessObjects XI Release 2, it is not possible to save OLAPI reports in .NET InfoView.

    Workaround: Install BusinessObjects XI Release 2 before installing .NET Framework 2.0 Beta 2.

*   When the FRS is stopped, the –tempDir directory specified in the command line is deleted. To avoid having the FRS remove a system-critical element, choose a unique temporary directory such as –tempDir c:\FRStempDirectory.

*   The page "ceviewer.jsp" inside desktop.war is not used in Java InfoView. When deploying Java InfoView, a compilation error may occur for this page:

    http://<machine-name>:<port>/viewers/rpt/ceviewer.jsp

Since ceviewer.jsp is not part of any Java InfoView workflow, the compilation error is unlikely to be noticed unless the above URL is requested. The error may occur when Java InfoView is deployed on Websphere 6, Oracle 10g and Weblogic 8.1.

Workaround: Do one of the following:

- Edit line 181 to change "getServletContext()" to "getServletConfig().getServletContext()"
- Remove ceviewer.jsp from the desktop.war file.

Connection Server

A Web Intelligence query can not be run when Connection Server is operating in server mode.

Upgrading and migrating issues

Importing data from BusinessObjects Enterprise 6.x to BusinessObjects Enterprise XI Release 2

- When upgrading from BusinessObjects Enterprise 6.5, all personal content information for a third-party user cannot be imported to BusinessObjects Enterprise XI release 2 unless the user has an explicit user object in the repository. Personal content information includes personal documents, categories, and Inbox documents.
  Workaround: Create explicit user objects in BusinessObjects Enterprise 6.5 for all third party users whose personal content you want to import to BusinessObjects Enterprise XI release 2, and then start the import process.

Importing data from Crystal Enterprise to BusinessObjects Enterprise XI Release 2

- If you use Windows AD authentication and you upgrade from Crystal Enterprise 10 to BusinessObjects Enterprise XI Release 2, your Windows AD users may not be mapped to the correct groups automatically. If you encounter this problem, visit our customer support site for the appropriate patch.

- When you upgrade from Crystal Enterprise, if your current deployment uses multiple Job Servers, Page Servers, or other servers, note that only one of each server is upgraded automatically.

- When you upgrade from Crystal Enterprise, note that the option to Install mySQL should not be available. Upgrading from Crystal Enterprise to BusinessObjects Enterprise XI r2 using a mySQL databse is not supported.

- When you upgrade from Crystal Enterprise 10 Report Application Server standalone to BusinessObjects Enterprise XI r2, note that the two applications are so different that the installation program actually uninstalls the original software and then performs a normal installation of the new software.

Import Wizard

- When you choose to import inboxes, note that inboxes will be imported only for the users that you are importing. The user is not automatically selected for import when you select the user's inbox for import.

- When you choose to import repository objects from BIAR, all repository objects in the BIAR data source will be imported.

- In some cases, users who are trying to import "users and groups" or "folders and objects" from the BIAR source file will not be able to do so. This happens when one of the objects in the source file is corrupt. Please note that the Import Wizard will not report an error if it encounters a corrupt object and fails to retrieve it and others from the BIAR file.

- A timeout may occur when a large number of users and groups are being imported to BusinessObjects Enterprise XI Release 2.

  Workaround: To avoid a timeout, ensure that third-party authentication is disabled. Disable third-party authentication after all of the objects have been counted, but before Finish is clicked.

- When working with Dynamic Cascading Prompts (DCPs), users need to pick "Import all repository objects" from the "Import repository objects options". Selecting other options will result in broken DPCs after the import.

- When a BusinessObjects 5x universe is imported, a restriction is created for groups and a duplicate restriction is created for the user. The user ends up having 2 identical restrictions. This is an error.

- Connections are not migrated correctly from the 5.x repository for Informix Connect for IDS9.4.

Documentation

- The table on page 273 of the *BusinessObjects 5.1.x to XI Release 2 Migration Guide* and on page 303 of the *BusinessObjects 6.x to XI Release 2 Migration Guide* incorrectly refers to calculation issues related to BusinessObjects **from versions 5.1.6 through 5.1.9** in the second row. This row in fact refers to calculation issues related to BusinessObjects **6.0**.

- The sections **The UniverseName() function**, **Unicode fonts** and **Decimal precision** in the *BusinessObjects 5.1.x to XI Release 2 Migration Guide* and the *BusinessObjects 6.x to XI Release 2 Migration Guide* refer to changes introduced in Desktop Intelligence. This is not specified at this point in the document. These sections should be preceded by a heading, **Desktop Intelligence changes**.

Web and Windows applications

Central Management Console

- If you experience difficulty deploying the webcompadapter.war on Weblogic, it may be because Weblogic cannot load the deployment descriptors.

  Workaround: If the Weblogic Builder tool is used, then the web.xml files need to be changed before deployment. After saving the webcompadapter.war file in the Weblogic Builder tool, the line in the web.xml should be:

  ```
  SOCKS URI convention. socks://&lt;version
  #&amp;gt;;[&lt;username:password&gt;@]&lt;hostname:port&
  gt;[&amp;]
  ```

- When large files are published from the CMC in a supported format such as txt or .exe, the following error message may appear:

  "URL Error The Web server received an incorrect or incomplete URL from the browser. Missing data"

  This message should read:

  "The CMC cannot publish supported files larger than 20 M."

- If the auditing option of CMS is enabled in CCM, the option "Clean up instance after scheduling" in InfoView and Central Management Console is ignored and the instances are not cleaned up. This option is available when scheduling an object to any destination that is not the default enterprise destination.

InfoView

- When you expand and collapse the Events or Server Groups options when scheduling a document from InfoView, other previously set options are lost.

- The error "Text-only printers are not supported. Please change your printer" occurs when you schedule a Desktop Intelligence document to be printed using a Custom Printer, and you supply the IP address of the printer.

- When you save a REP document that is viewed as HTML or PDF to CSV format, the generated CSV file is UTF-8 compliant. The document does not display properly in Microsoft Excel if it contains accented letters or Japanese characters. The CSV document can be opened and viewed with a Unicode (UTF-8) text processor. If you want to open the document in Microsoft Excel, Business Objects recommends that you save it as Excel from InfoView.

- In Interactive Editing mode, the connection with the document is lost periodically, and the InfoView home page is displayed in its place.

- When a document is linked to open in the same window, then the child document replaces the parent document, rather than being a sub-part of it. This means it is not possible to navigate to the parent document.

- To enable Java InfoView on Sun Java Application Server, the default Java2 security setting, which can be found on <Sun Java Application Server InstallDir>\domains\<domain name>\config\server.policy, should be updated as shown in the example:

```
grant {
    permission java.lang.RuntimePermission "loadLibrary.*";
    permission java.lang.RuntimePermission "queuePrintJob";
    permission java.net.SocketPermission
        "*","connect, listen,accept";
        permission java.io.FilePermission "<<ALL
            FILES>>","read, write,execute,delete";
    // workaround for pointbase bug 4864405
      permission java.io.FilePermission
      "${com.sun.aas.instanceRoot}${/}lib${/}databases${/}-
        ", "delete";
    permission java.io.FilePermission "{java.io.tmpdir}${/}-
        ", "delete
    permission java.util.PropertyPermission "*", "read, write";
    permission java.lang.RuntimePermission
        "modifyThreadGroup";
```

- Deploying desktop.war on SAP Web Application Server 6.40 (WinSQL) on the default setting may give you an error. It has been confirmed by SAP that this is an SAP Web Application Server issue. Please see SAP Note #892729. This note explains that an upcoming SP from SAP will fix the issue. However, at the time this text is written, this SAP Note has not been released yet. If you cannot access SAP Note #892789, here is a workaround, only for SAP Web Application Server 6.40 (WinSQL) running with Microsoft SQL Server 2000 SP3. If you are using the SQL Server 2000 SP3, do the following:

  1. In SQL Enterprise Manger, add "-g1024" to the SQL Server's startup parameters list.

  2. In SQL Qeury Analyzer, run "exec sp_configure 'network packet size (B)', '8196'; reconfigure with override".

  3. Restart the SQL server and make sure the changes were taken into account.

  4. Deploy desktop.war.

- In InfoView, you can send a document to email by first selecting a document and then using the "Send" button in the main toolbar and selecting "To Email" from the list. If you clear the "Use Job Server's defaults" option, you can then specify the settings with placeholders. You can add the placeholder "Viewer Hyperlink" to the message textbox in .NET InfoView. In Java InfoView, the "Viewer Hyperlink" placeholder is missing. The workaround is to manually type %SI_VIEWER_URL% in the textbox. The viewer hyperlink placeholder will be replaced by a URL link for document viewing.

- In InfoView, when scheduling an object to a specific destination, the user can then specify the settings with placeholders. The placeholder "Email" and "User Full Name" can be added to the message textbox in Java InfoView. In .NET InfoView, the "Email" and "User Full Name" placeholders are missing from the list. The workaround is to manually type %SI_EMAIL_ADDRESS% and %SI_USERFULLNAME% in the textbox respectively.

- Users may encounter errors in scheduling and sending documents in .NET Infoview on .NET Framework 2.0 if this version of .NET Framework was not present when BOE was first installed.

  Workaround: Manually include the tag <xhtmlConformance mode="Legacy"/> within the tags <system.web> </system.web> of web.config in C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Web Content\Enterprise115\InfoView. This workaround is also described in the comment in the web.config file as shown below:

  ```
  <! --
  ```

```
    To run on ASP.NET 2.0, InfoView requires the
        setting: <xhtmlConformance mode="Legacy"/>
    For asp.net 2.0, the installer will
        automatically replace (or has replaced)
        the comment below with this setting.
-->
<xhtmlConformance mode="Legacy"/>
```

- Reports read in .NET InfoView risk returning timeout errors for reports that return large amounts of data.

  Workaround: Change the setting of the default timeout period in the configuration file:

  1. Open the configuration file found at:

     `C:\Windows\Microsoft.NET\Framework\v1.1.4322\CONFIG\ machine.config`

  2. Change the line `<httpRuntime executionTimeout="90"` to read:

     `<httpRuntime executionTimeout="200"`

- The sInstance parameter ("sInstance=last","user" or "param") in the OpenDocument URL provides a way to view the last successful instance, the last instance by owner, or the last instance by parameter value. However, the sort criteria specified for OpenDocument when querying for the instances is incorrect. The sort criteria used in OpenDocument is based on the instance's creation time, i.e. the time the instance was scheduled, not the completion time of the instance.

  Workaround: Modify the query sort criteria in OpenDocument.

  1. For java/jsp OpenDocument, open the file helper_js.inc in:

     `..\businessobjects\enterprise115\desktoplaunch\viewer s\cecommon\`

     For .net OpenDocument, open the file helper_js.aspx in:

     `..\Program Files\Business Objects\BusinessObjects Enterprise 11.5\WebContent\Enterprise115\InfoView\ viewers\cecommon`

  2. Search and replace the string "SI_CREATION_TIME" with "SI_LAST_RUN_TIME".

- In .NET InfoView, when you create a report that is based on an Essbase or DB2 OLAP data source, the cube list page fails to load.

-

LiveOffice

- In Microsoft Word 2003, when part of a report view is copied and pasted to another area of a document and the view is refreshed, the copied section of the report view disappears.

- In Microsoft Excel, when you right-click the legend of a chart, the Drill option is active. It should not be active because you cannot drill-down on the legend of a chart.

Scheduling issues

- You cannot re-schedule Web Intelligence documents to Excel or PDF formats. Depending on your precache settings, these options may incorrectly appear.

- Scheduling a Publication will fail when done by a third party who lacks the following rights:

  - "Add objects to folder"

    This right allows users to create the content objects under the instance.

  - "Modify the rights users have to objects"

    This allows users to decide which recipients should be able to see what content objects.

  In order to allow another user to schedule a Publication to the "Default" destination, the publication owner must grant these rights in addition to the "Schedule" role.

Documentation

- The *BusinessObjects Enterprise XI Administrator's Guide* description for the command-line option "-cleanup" reads "Specify the frequency (in minutes) with which the server cleans up listener proxies"; however, the Event Server uses minutes/2. For example, "-cleanup 10" will run the cleanup thread in the event server every 5 minutes.

- For information on how to install the Crystal Reports Offline Viewer, please see chapter eight of the *InfoView User's Guide*.

- The *BusinessObjects Enterprise XI Administrator's Guide* description for the command-line option "-threads" reads "Use a thread pool of the specified size. The default is one thread per request." The actual behaviour of the "-threads" parameter depends on the size of the pool of

worker threads the CMS initializes and draws workers from. The maximum is 150, and the minimum is 12. The default is 50 if the parameter is not specified.

Security

- When Java Windows Active Directory (AD) authentication is used, users with non-ASCII user names are unable to log in. This is a limitation of the Java API.

- To enable Windows Active Directory (AD) authentication for single sign-on with Netegrity Siteminder:

  1. Go to the Authentication management area of the CMC.
  2. Click the **Windows AD** tab.
  3. Under SiteMinder Options, click the **SiteMinder Single Sign On** value to change it to "Enabled", and then click **Update**. For more information about SiteMinder and how to install it, see the SiteMinder documentation.

Developer issues

Browser support

Double-byte characters are not supported by Firefox and Netscape internet browsers. Reports that contain double-byte characters malfunction in those browsers.

Java InfoView

- If you're running Sun Application Server 8 upgrade 1, you cannot create, view, or modify a Dashboard from Infoview.

  Workaround:

  To use InfoView, the following actions should be applied to avoid possible XML/XSLT processor conflicts:

  1. Set the class-loader delegation policy in the WEB-INF/sun-web.xml file to "true" as shown in the following example:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE sun-web-app PUBLIC "-//Sun Microsystems,
    Inc.//DTD Application Server 8.0 Servlet 2.4//EN"
```

```
"http: //www. sun. com/software/appserver/dtds/sun-web-
    app_2_4-0. dtd">
<sun-web-app xml ns="http: //j ava. sun. com/xml /ns/j 2ee">
<context-root>busi nessobj ects/enterpri se11/
    desktopl aunch</context-root>
<cl ass-l oader del egate="true"/>
</sun-web-app>
```

2. Create a JSP script in the deployed application (or add the code to an existing web application script) with the following content:

```
<%
System. setProperty("j avax. xml . transform. TransformerFa
    ctory",
"org. apache. xal an. processor. TransformerFactoryI mpl ");
%>
```

3. Before accessing Infoview, execute the JSP script from step 2. This will set the correct XML transformer to work with Business Objects applications.

- Users can not log on to the BusinessObjects Enterprise Java Infoview when using the server IP address in the system field. The workaround to achieve a successful logon is to have the client application log on with the hostname of the Central Management Server (CMS).

- InfoView does not deploy correctly if system properties are not set appropriately.
  Workaround: Set the following propery in a JSP file, or globally in the SAP application server:

```
System. setProperty("org. xml . sax. dri ver",
    "org. apache. xerces. parsers. SAXParser");
```

- To enable printing from a DHTML viewer using ActiveX print control, ensure that gzip compression is turned off for the following MIME types:
  - - application/x-epf
  - - application/x-ack
  - - application/x-eor
  - - application/x-etf
  - - application/x-emf

- You may encounter problems when viewing double-byte characters if you are using an Oracle 10G server or an SAP application server.
  Workaround: Before deploying the desktop.war and jsfadmin.war files, modify the corresponding web.xml so that the <filter> and <filter-mapping> elements are uncommented.

Viewers

- The viewers fail to support reports that contain formula fields or database fields whose names contain either of these brackets: {}.

- Use the new database logon format when using the RAS server. The old format is as follows:

  user=value

  password=value

  The new format is as follows:

  user-dbservername.dabasename=value

  password-dbservername.databasename=value

  The new format for database logon lets the Viewer display the report without prompting the user again for database logon information.

- If you use an Oracle 10g application server and you receive an "OutputStream already retrieved" error, change the viewer.usejspwriter context parameter to "true" in the web.xml of the desktop.war file.

- If you use an Oracle 10g application server and you receive an "OutputStrream already retrieved" error, change the viewer.userjspwriter setting to true in the desktop.war file. If this does not resolve the issue, modify the error.jsp file so that it doesn't use JSTL tags.

- Use the new database logon format when using the RAS server. The old format is as follows:

    user=value

    password=value

  The new format is as follows:

    user-dbservername.databasename=value

    password-dbservername.databasename=value

  The new format for database logon lets the Viewer display the report without prompting the user again for database logon information.

Application server issues

- After InfoView is deployed on SAP, the Infoview Encyclopedia may not work.

Workaround: When InfoView is deployed on SAP, the context parameter in the web.xml called "encyclopedia.disable.gzip" needs to be set to "true". This will disable the gzip action of Java Encylopedia and allow Infoview to operate.

Web server issues

To improve the stability and performance of Microsoft's IIS (Internet Information Server), modify the machine.config file in the following directory:

```
<WindowsDirectory>\Microsoft.NET\Framework\
    <InstalledFrameworkVersion\>CONFIG\...
```

Server management

Page Server

- When a report which has a number of records greater than the processing limit specified in the CMC is viewed via Page Server, the first page of the report generates successfully without returning an error.

- To improve the stability and performance of Microsoft Internet Information Service (IIS), modify the machine.config file in the following directory: <WindowsDirectory>\Microsoft.NET\Framework\<InstalledFrameworkVersion>\CONFIG\

Configuration setting	Default value (.NET Framework 1.1)	Recommended value
maxconnection	2	12 * N
maxIoThreads	20	100
maxWorkerThreads	20	100
minFreeThreads	8	88 * N
minLocalRequestFreeThreads	4	76 * N

Some of the recommendations use a formula that works with the number of CPUs on a server. The number of CPUs in each formula is represented by the variable N. To adjust configuration settings when you have hyperthreading enabled, you must use the number of logical CPUs

instead of the number of physical CPUs. For example, if you have a four-processor server with hyperthreading enabled, the value of N in a formula is 8 rather than 4.

For more information, see "Contention, poor performance, and deadlocks when you make Web service requests from ASP.NET applications" at the following site: http://support.microsoft.com/default.aspx?scid=kb;en-us;821268

Auditor

- Customers using auditing in XI Release2 will be able to install and use the 28 pre-packaged Auditor reports in Crystal format leveraging the audit universe that is connected to a MySQL audit database on Unix/ Linux environment. They will be able to use this universe to build custom audit reports as well.

International issues

- On the Solaris and AIX platforms, if you need to run the Central Management Console (CMC) in Chinese, Japanese, or Korean, you must use a Chinese, Japanese, or Korean locale on the J2EE application server that hosts the Web Component Adapter (WCA). To set the locale, set the environment variables LANG and LC_ALL before starting the J2EE application server.

- If you have deployed WebSphere 5.1 or WebSphere 6.0, you may encounter problems while viewing InfoView's preferences page using Asian locales.

  Workaround: To enable UTF-8 support for WebSphere:

  1. Edit <WebSphere>/AppServer/properties/encoding.properties so that every line contains the following information: xx=UTF-8, and then save.

  2. Pass -Dclient.encoding.override=UTF-8 into the Java Virtual Machine.

- In .NET InfoView, the Calculated Members dialog box does not load properly with some Asian languages unless the Asian language packs are installed on both the server and client machines.

  Workaround: Install Asian language packs on both the server and client machines. To install the language packs on a machine running Microsoft Windows, do the following:

1. Click **Start > Control Panel > Regional and Language Settings**.

2. On the Languages tab, select "Install files for East Asian languages", and then click **OK**.

3. Reboot.

9 BusinessObjects Enterprise
International issues

Crystal Reports

Installation

- For a complete list of system requirements and supported platforms, see the `platforms.txt` file included with your product distribution. For complete installation instructions, see the installation guide (`install.pdf`).

- Disable all antivirus software before installing BusinessObjects Enterprise components. Enable your antivirus software after the installation.

Configuration

- A Crystal Reports web application developed with Microsoft Visual Studio 2003 may not display images properly if the image handler virtual directory has been changed to run under ASP.NET 2.0. The image handler functionality works under ASP.NET 1.x but not ASP.NET 2.0.

  Workaround: Ensure both the application and the image handler virtual directory are running under ASP.NET 1.1. This can be set in the IIS manager.

XML data with SQL Server 2005

- Record selection formulas that are based on string XML instance fields and use the "equal to" operator will fail to return a value. This problem happens because string data in the XML document is padded with spaces to fill the string to maximum length. The extra spaces disrupt the formula.

  Workaround: In the selection formula, the extra spaces can be moved to the end of the string, so that the formula isn't disrupted. Alternatively, when you define an XML element for the string type, you can define it to delete padded spaces:

```
<xsd:simpleType name = "myString">
  <xsd:restriction base = "xsd:string">
    <xsd:maxLength value="255"/>
    <xsd:whiteSpace value = "collapse"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:element name="col1">
<xsd:complexType>
  <xsd:sequence>
    <xsd:element name="col1" type="myString" />
```

```
        </xsd: sequence>
    </xsd: compl exType>
```

- For XML fields that contain simple content only, a report can only display the value in XML format.

- For XML fields that contain only complex-type content or contain attributes, a report will fail to display the hierarchical structure of the field.

- XML instances of certain XML string types are unable to be displayed in the Field Explorer. Those XML string types are as follows:
  - token
  - language
  - NMTOKEN
  - Name
  - ID
  - NCName
  - anyURI

- Fields cannot be remapped to a sub-component of an XML table. When you map fields to an XML table, only the first level of columns for the target table are displayed.

- When performing "group by" on a server based on XML instance fields, the following MS SQL Server error message may appear: "XML methods are not allowed group by clause."

- When you create an SQL expression field based on an XML instance field in the SQL expression editor, the following error message may appear: "Invalid object name."

- When you view a link report based on XML tables where the XML instance fields have same instance name, the following error message may appear: "The correlation name is defined multiple times in FROM Clause."

- A report based on a UDT table fails to load if the first relational field in the UDT table is deleted.

  Workaround: Add the field back to the database table.

User-defined types with SQL Server 2005

- If you create a SQL expression field based on a UDT field, an error message may appear.

  Workaround: Change the "/" to "." in the command for the SQL expression.

- At design time, after the data source location has been set for a report that is based on a table with a UDT field that is mapping to a general database table, the child fields in that UDT field remain in the report, rather than be removed.

Application behavior

- When a CrystalReports document (RPT format) is scheduled to be saved in Microsoft Excel format, the operation will result in a GPF if the report contains a string type parameter that has a null or empty value. This happens because CrystalReports now embeds some information in the Excel document that allows the Excel document to be refreshable in the next release of LiveOffice.

  Workaround: Do one of the following:

  - To prevent the GPF by disabling the embedding of LiveOffice information, turn off LiveOffice by setting the following registry value to non-zero:

    HKLM/HKCU]\Software\Business Objects\Suite 11.5\Crystal Reports\Export

    Value Name:"DisableExportLiveOfficeSupport"

    Value Type : DWORD

  - To prevent the GPF while maintaining the LiveOffice feature, make sure the report includes no string type parameters with a null or empty value.

  - Crystal Reports XI Release 2 does not support reading SQL Server 2005 XML fields where the XML schema does not have a targetNamespace set within it.

  - Multiple Table Linking is not supported if the tables are based on an IDataReader class. This is a restriction of the IDataReader class.

Data access

- A document containing a list of limitations for the latest version of the native XML driver can be found on our Technical Support site.

Report creation

- To find a value for a selection or content locale, put the appropriate special field (Selection Locale or Content Locale) in your report and view the value from the report.

- Command objects that use a dynamic prompt, or a prompt that includes a cascading list of values, will malfunction if added to the BusinessObjects Enterprise Repository in this version. Such a command object will return an error when you refresh the data of the report that you created from it.

- When you define an XML element for a string type, you can define it as follows to remove padded spaces:

```
<xsd:simpleType name = "myString">
    <xsd:restriction base = "xsd:string">
        <xsd:maxLength value="255"/>
        <xsd:whiteSpace value = "collapse"/>
    </xsd:restriction>
</xsd:simpleType>
<xsd:element name="col1">
<xsd:complexType>
    <xsd:sequence>
        <xsd:element name="col1" type="myString" />


    </xsd:sequence>
</xsd:complexType>
```

- If a report uses two commands, one for the report (with parameters) and a second for populating prompts (without parameters), you should use two command objects: one with no parameters to populate the list of values of prompts, and a second with no parameters to populate the report.

- Because Crystal Reports does not support a native Sybase connection for creating reports on a universe, when from within the Central Management Console (CMS) or InfoView you attempt to view a report on a universe that is based on a native Sybase connection and is not mapped to a supported connection for Crystal Reports, a database login box appears continually. For further information, see Knowledge Base article c2018352.

Java Reporting Component

- For a report with saved data, changing a parameter value that is used in the record selection will not cause the data to be refreshed.

Workaround: Do not use reports with saved data.

Documentation

- The option "Limit size of result set to" that is described in the Crystal Reports Online Help is unavailable in this version.

- A new, undocumented function called `CountHierarchicalChildren(GroupingLevel)` has been added to this version. Use this function to suppress hierarchical group headers or footers when no child levels exist.

CountHierarchicalChildren(GroupingLevel)

`GroupingLevel` is a function that determines the level of an existing group.

The `CountHierarchicalChildren(GroupingLevel)` function returns the number of direct child hierarchical groups for any given level of the grouping hierarchy. Grandchild (and deeper) groups are excluded from the count.

This number does not count the number of detail records in any group. So, the output will be different from `count({field})` when summarized across a hierarchy. (The `count({field})` function counts detail records.)

Developer issues

JDBC Driver

- The LiquidData JDBC Driver may cause the following code to fail:

```
ResultSet rs;
ResultSetMetaData rsmd = rs.getMetaData();
int colType = rsmd.getColumnType(i);
```

Java Reporting Component (JRC)

- The JRC fails to support percentage summary reports that are created with the Report Designer Component. To use percentage summary reports with the JRC, resave them with Crystal Reports 9 or later.
- The JRC fails to support reports that contain relative paths to dynamic images.

Crystal Reports for Visual Studio

- Reports that are based on a User Defined Type (UDT) table fail to load if the first relational field in the UDT table is deleted.
- Reports that contains a command object and a dynamic parameter may fail to load if the command object and the parameter form a circular reference. (For example, the command object references a dynamic parameter that references the command object.)

  The workaround is to create a dynamic parameter to prompt for values for the command object, and then create a second dynamic parameter to read values from the command object.
- If you use the OpenDocument function to display a report that uses a RAS server group, use interactive mode. If you are using the OpenDocument function to display a report that uses a Page Server group, use non-interactive mode.

10 Crystal Reports
Developer issues

Desktop Intelligence

General information

- When installing Desktop Intelligence, all languages are installed with the product. But at the first logon, Desktop Intelligence is launched in English.

  Workaround: Change the language manually as follows:

  1. Click **Options** on the Tools menu.
  2. In the dialog box that opens, go to the **General** tab and choose the language from the list.

- If you change the language in Desktop Intelligence as described above, if the document locale is not modified correspondingly the number formats associated with the selected language are not taken into account. English number formats are used instead.

  Workaround: When changing the language, be sure to click the **Language** button.

- In Desktop products (Desktop Intelligence and Designer), the list that enables you to set the current language (Tools > Options > General tab) always displays the language names in English.

- To start a new session in Offline mode, you must first connect to the CMS with your login in Online mode. This action refreshes the .lsi file.

- To work in 3-tier mode, you must first install Desktop Intelligence on the client machine, then log on to InfoView and download the .jre or .net file by creating, modifying or editing a Desktop Intelligence document.

- When you apply a filter on a date object for a document where the user interface locale (UIL) and the user format locale (UFL) do not match, the display of the report is blank.

- Teradata stored procedures with OUT variables are not supported by Business Objects as concerns data providers and the Connection Server.

- When you open a Desktop Intelligence document from the InfoView portal, sections don't appear in the report map.

  Workaround: Publish the document with the HTML option "section by section" or "both".

- When you schedule a Desktop Intelligence document and select the Custom Printer option with IP Address as the input, scheduling fails.

- It is not possible to change the data source of a BusinessObjects 6.x document from Desktop Intelligence.

- When an REP file is saved as HTML from Desktop Intelligence, breaks with center across (horizontal) do not work.

- When importing reports from the repository, reports that are not associated with any category do no appear in the "uncategorized" category.

- When you attempt to export a document while the document is not open, and click to see HTML options for the document you have chosen, the HTML Options dialog box does not appear.

- When defining a formula or variable with "InCurrentPage" as the context, the corresponding calculations are not displayed in XLS, HTML, TXT or RTF files after saving the report in these formats.

- Stored procedures with OUT parameters cannot be executed on IBM DB2 UDB for Microsoft Windows NT or UNIX platforms.

- A security mechanism in BusinessObjects Enterprise XI Release 2 makes it impossible to open locally a document that has been imported from the CMS if the document has been deleted from the CMS.

  Workaround: To avoid this situation, explicitly save the document once you have imported it from the CMS. Then you will be able to open it even if it is later deleted from the CMS.

Migration

- In a mixed deployment of BusinessObjects 6.x and BusinessObjects XI Release 2, you cannot open a BusinessObjects 6.x document using BusinessObjects 6.5 in 3-tier mode from within the InfoView 6.x portal.

  Workaround: In this situation you can open a BusinessObjects 6.x document using BusinessObjects in 3-tier mode only by launching BusinessObjects in 3-tier mode from the Windows Start bar. In addition, these conditions must be met:

  - BusinessObjects 6.x must have been installed prior to BusinessObjects XI Release 2.
  - You must manually copy the .rkey file that points to your InfoView 6.x repository to your locdata folder if this has not already been done.

- Use of Microsoft VBA (for example, a VBA application using the full client SDK, or documents containing VBA procedures) is not supported when Desktop Intelligence XI R2 is installed on a machine that already has BusinessObjects 6.x installed.

  Workaround: Be sure to uninstall BusinessObjects 6.x prior to installing Desktop Intelligence XI R2.

Drill

- The arrow icon for the drop-down list on the Drill toolbar is not displayed when a dimension name contains more than 255 characters.
- You cannot drill in a dimension placed in the body of a crosstable.
- You cannot drill down or drill by from the legend, although can drill up.
- When you perform certain actions in drill mode, the labels of the charts may change orientation.

Report formatting

- When you specify a format for a negative value in the Negative text box on the Number tab of the Cell Format dialog box, you must include the minus symbol (-) before the format. For example, to specify a negative format with three decimal places, you should enter -0.000.
- With linked tables, if you select the Repeat block on every page option in the Table Format dialog box, Business Objects recommends you apply this option to all the tables. Otherwise the blocks may overlap.
- In reports, a block set to repeat on every page may attach to the header of another block at the top of each subsequent page.

  Workaround: When necessary, insert an empty cell between two tables to prevent the repeating block from attaching to the header.
- When the display of a block or a cell exceeds 70% of the page layout, the *Repeat on every page* option is not applied. This avoids having overlapped blocks from the second page onwards.

  Workaround: Do not use the *Repeat on every page* option when a block or cell exceeds 70% of the page layout.

Saving Documents

- When you activate the *Automatic Open After SaveAs* option (in Tools > Options > Save tab) and save a document as HTML, PDF, XLS, RTF or TXT, the file is opened in the appropriate application.
- The number and format of cell borders are not kept when a document is saved as HTML.
- Saving a document with a long file name as HTML may fail.
- When you launch Desktop Intelligence in the English version and save a document with a long file name as HTML, an error message may appear in French.

- When a report is saved as a PDF file, the Symbol font is not converted if the font style is bold and/or italic.

- When defining a formula or a variable with "In CurrentPage" as the context, the corresponding calculations won't be displayed in the XLS, HTML, TXT, and RTF files when the report is saved in these formats.

- When a Desktop Intelligence report is saved in Microsoft Excel format, column width and value display issues may occur:

  - If a column is incorrectly sized in Desktop Intelligence, the column width is reduced and the value displayed as ### in the Excel file.

  - If percentage values are set in Desktop Intelligence without the % symbol, the % symbol is automatically added in the Excel file, but without resizing the column.

- If you save a document containing a chart in Microsoft Excel format (XLS), Excel will adjust the size of your chart for the space occupied by the labels. The larger the labels, the more the chart may be minimized.

  Workaround: Manually adjust the size of the labels and the chart in Excel.

- When saving a document containing a chart in Microsoft Excel format (XLS), the category axis title may not be cleaned in the Chart Options dialog box.

  Workaround: Clean it manually in Excel.

- When you define a new orientation of a chart in Desktop Intelligence and save the document in Microsoft Excel format (XLS), the elevation or rotation of the chart may be different in Excel.

- The position of the chart legend may not be preserved in a document saved in Microsoft Excel format (XLS).

- Desktop Intelligence optimizes the representation of the chart. Consequently, it may apply a different orientation of the axis label according to the options in order to have a better rendering in Reporter. When saving the document in Microsoft Excel format (XLS), the orientation may be different in Excel because the options are applied without being optimized.

- Due to a limitation of Microsoft Excel, Business Objects recommends that you not save a document in Microsoft Excel format (XLS) if it contains a 3D chart with several groups of series, otherwise the chart won't keep the same display.

  Workaround: Set all the measures in the same group of series in order to have only one Y-axis or define several groups of series using 2D charts before saving your document as Excel.

- Some hyperlinks may not be saved correctly in documents when you save it as a Rich Text Format file (.RTF).

Printing

- Some printer drivers do not differentiate the colors used in graphics and may print similar shades for different colors. To lessen the impact of this, Desktop Intelligence creates differences in the color palette to print colors or shades that are clearly distinguishable.
- If you want to print several reports containing the Euro character at the same time, you must use the same printer (and the same printer driver), otherwise the Euro character will not be printed after the first report.
- The hyperlinks won't be activated if you select the **Print as BusinessObjects 4.1** option in the Options dialog box (Tools > Options > General tab).

Break

- The **Center Value Across Break** option has no effect on a long cell, even if this option is activated in the Breaks dialog box.

Slice and Dice

- In the Slice and Dice window, clicking F1 on the keyboard does not display the help file.

  Workaround: Use the Help button to display the Help file associated with the Slice and Dice window.

Manage Categories

- In the Add and Edit Categories dialog boxes (Export to Repository > Categories > Manage > Add/Edit), clicking F1 on the keyboard does not display the help files. There are no help files associated with these dialog boxes.

Publication scheduling

- Publication instances scheduled to the Default destination fail if the Inbox destination is disabled on the Desktop Intelligence job server.

  Workaround: Enable the Inbox destination on the job server.

- Publication recipients do not receive their content when two conditions are true:
    - The publication is scheduled to Inbox using job server defaults.
    - The Desktop intelligence job server has one or more recipients set for the Inbox destination.

    Under these circumstances all the content will go to the job server recipients instead of the Publication recipients.

    Workaround: To avoid this problem, either schedule using custom Inbox settings, or do not set any Inbox recipients.

International issues

Saving documents

- The name of the Automatic Open After SaveAs option may be truncated in some languages.

Desktop Intelligence in 3-tier mode

- On the client machine, when the language of Desktop Intelligence does not match the current language of the Internet browser and InfoView, Desktop Intelligence in 3-tier mode is launched in the language of Desktop Intelligence.

Developer Library

General

- To access the full set of Business Objects Developer Documentation:

  1. Go to the Developer Zone website:

     www.businessobjects.com/products/dev_zone/default.asp

  2. Click the Developer Library link.

- The Business Objects Developer Library is installed with BusinessObjects Enterprise and can be accessed through the Start Menu, navigating to the default install directory, or through the Business Objects Developer Zone website.

  Start Menu:

  Start > Programs > BusinessObjects XI Release 2 > BusinessObjects Enterprise > BusinessObjects Enterprise Developer Documentation

  Default Install Directory:

  C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Developer_Help\en\default.htm

  Website:

  http://www.businessobjects.com/products/dev_zone/default.asp

- The .NET Server Controls for BusinessObjects Enterprise has been deprecated as of XI Release 2.

Designer SDK

The "Type" property of the "Key" Object is read-only.

Desktop Intelligence SDK

- Desktop Intelligence can not be started using the C# SDK.

- Certain application variables that were included with BusinessObjects 6.5 are not included with Desktop Intelligence in XI Release 2. Desktop Intelligence also includes one new variable.

Availability	Variable name

6.5 variables available in XI R2	`BOLANGUAGE`
	`BOSECURITYDOMAIN`
	`BOUSER`
	`BUSER_UPPER`

6.5 variables not available in XI R2	`COMPUTERNAME`
	`CommonProgramFiles`
	`HOMEDRIVE`
	`HOMEPATH`
	`ProgramFiles`
	`SystemDrive`
	`SystemRoot`
	`USERDNSDOMAIN`
	`USERDOMAIN`
	`USERNAME`
	`USERPROFILE`

New variable in XI R2	`DOCNAME`

Document Viewer samples

Migration sample

- If a document stored in a public folder is associated to a personal category, it appears in the list of favorites.

Report Engine SDK samples

- In the JSP/ASPX prompt customization samples, nested prompts are not supported. This is a known limitation. The purpose of this sample is to demonstrate how to customize prompts in the viewer component. See Report Engine SDK tutorials to learn how to set prompts using this SDK.

Java SDK

- If you use AD Authentication with Kerberos, you cannot log on to BusinessObjects Enterprise with a non-ASCII user name. Kerberos supports only ASCII user names.

RAS SDK

ReplaceConnection suppresses all errors related to database connectivity.

- Some paper sizes and paper sources exposed in the SDK are not supported by JDK 1.4. If users select the unsupported print options, an error message appears.

  Print options are handled by PrintOutputController.printReport(PrintReportOptions), which let users specify different paper sizes and paper sources.

  Supported paper sizes are as follows:

  > useDefault, paperLetter, paperTabloid, paperLedger, paperLegal, paperExecutive, paperA3, paperA4, paperA5, paperB4, paperB5, paperFolio, paperQuarto, paperEnvelope9, paperEnvelope10, paperEnvelope11, paperEnvelope12, paperEnvelope14, paperCsheet, paperDsheet, paperEsheet, paperEnvelopeItaly, paperEnvelopeMonarch, and paperEnvelopePersonal.

  Supported paper sources are as follows:

  > auto, upper, lower, middle, manual, envelope, and largeCapacity.

  Any sizes and sources not listed here, and any added in future, will cause an error message to appear.

- The DatabaseController.ReplaceConnection method does not take a DBOptions class; instead, its fourth argument is an integer.

  The DBOptions now have four static members, which contain these values:

  - ._useDefault = 0
  - ._doNotVerifyDB = 1
  - ._mapFieldByRowsetPosition = 2
  - ._ignoreCurrentTableQualifiers = 4

  The following is an example of how use DatabaseController.ReplaceConnection:

```
databaseController.replaceConnection(oldConnection,
     newConnection, parameters, DBOptions._useDefault);
```

If you anticipate that DatabaseSchema will change after replaceConnection is run, call verifyDatabase() to synchronize the client and server.

JSP tutorials

- The XML report output for a document with multiple reports always returns the first report.
- Desktop Intelligence returns an invalid Last Refresh Date

International

- Creating a Web Intelligence document returns a compilation error in the Japanese version.

International issues

Crystal Reports developer samples

- Windows Start menu links for developer samples do not work in non-English operating systems.

The English version of the developer samples can be accessed from the following locations after Crystal Reports has been installed.

- Crystal Reports for .NET Samples:

```
C:\Program Files\Business Objects\Crystal Reports
    11.5\Samples\en\CR.NET\CRdotNetStartup_en.htm
```

- RDC Developer Samples:

```
C:\Program Files\Business Objects\Crystal Reports
    11.5\Samples\en\RDC\RDCStartup_en.htm
```

- Java Reporting Component Samples:

```
C:\Program Files\Business Objects\Crystal Reports
    11.5\Samples\en\JRC\JRCStartup_en.htm
```

Performance Management

Installation

- Business Objects recommends that you restart all performance management servers after you have installed performance management and configured the performance management connections. In addition, you should:

  1. Log into the Central Management Console and check that the PMUser was created and that all servers are enabled and running.

  2. Log into InfoView and configure your performance management settings in the performance management setup.

- You cannot successfully create a performance management repository with an IBM DB2 account unless you have a tablespace with a page size of at least 32,768 bytes.

- When installing performance management products on UNIX platforms, the setup does not prompt you to define a user profile under which to execute the AFScheduleProgram.

  Workaround: Create the AFSchedule program manually after installation. Refer to the Understanding Application Foundation Object Migration chapter of the *BusinessObjects 6.x to XI Release 2 Migration Guide* for instructions.

- When you install AFDEMO on a SQL server as a demo Performance Management repository to accompany the Performance Management products, the datasource name is created, but the connection might not work properly.

  Workaround:

  1. In the CCM, stop the servers.

  2. In Designer, click **Tools > Connection**.

  3. To the AFDEMO connection, add your SQL server password.

  4. Test the connection to make sure it works.

  5. In the CCM, restart all of the servers.

     The AFDEMO is now available

In addition if AFDEMO is not installed in your SQL server, but you want to manually attach it from `<BO install folder>\Performance Management 11.5\Demo\AFDEMO_Data.mdf`, you may have to manually create the AFDEMO data source name in Data Sources (ODBC) and the connection in Designer.

Note: The AFDEMO database uses the Latin collation name, which does not support double bytes. So you need to change the Latin collation name to the applicable collation name:

- Japanese: Japanese_CI_AS
- Simplified Chinese: Chinese_PRC_CI_AS
- Traditional Chinese: Chinese_Taiwan_Bopomofo_CI_AS
- Korean: Korean_Wansung_CI_AS

To change the collation name:

1. In the CCM, stop the servers.
2. In the SQL Server Enterprise Manager, create a temporary database and give it a temporary name (for example myDemo).
3. Import all tables from AFDEMO to the new database.
4. Right-click on **AFDEMO** and select **Detach database**.

   This deletes the Latin-collation AFDEMO file.
5. Create a new database called AFDEMO, and make sure to select the applicable double byte collation name.
6. Import all tables from the temporary database to the newly created AFDEMO.
7. In the CCM, restart all of the servers.

Upgrading and migrating issues

Note: Be sure to read the migration issues for Performance Management in the Import Wizard chapter on Performance Management.

- When you migrate from Business Objects 6.1.3 on a SQL server, the target database and user in Performance Management are not visible, but the connection still exists and works correctly.
- Set tables are not migrated correctly. Update your set tables after migration in **Setup** > **System Setup** > **Repository**.

Deployment

- You need to deploy the afhelp.war file (found in `<BO_INSTALL_DIR>\Performance Management 11.5`) to the context root /bobje if you are deploying the performance management products on any of the following web application servers:

- WebSphere
- WebLogic
- Oracle Application Server
- SAP NetWeaver

- There is one additional WAR file to deploy if you installed performance management and you are deploying on any of the following web application servers:
  - WebSphere
  - WebLogic
  - Oracle Application Server
  - SAP NetWeaver

  This WAR file, which contains the online help for performance management, is called afhelp.war and can be found at C:\Program Files\BusinessObjects\Performance Management 11.5. The WAR file should be deployed with the context root /bobje.

- To deploy performance management products on a different server from BusinessObjects Enterprise XI R2:

  1. Install your web application server and Web Component Adaptor (WCA) on Server 1.

  2. Install BusinessObjects Enterprise XI R2 and the CMS on Server 1.

  3. Perform an Expand installation on Server 2 and select **EPM** in the *Expand Options* dialog box.

     The web application server on Server 1 now has the desktop.war file deployed without the EPM components, and Server 2 has the pm11.boar file installed. The boar file contains the EPM components you need to deploy to the web application server on Server 1 and needs to be merged with the desktop.war file.

  4. Stop Tomcat.

  5. Remove the desktoplaunch web application folder, located in the following location:

     `<BO_INSTALL_DIR_SERVER_1>\Tomcat\webapps\businessobje cts\enterprise115\desktoplaunch`

  6. Using the mergeboar.jar tool, rename the desktop.war file `backup_of_desktop.war` and move it from the following location:

     `<BO_INSTALL_DIR_SERVER_1>\BusinessObjects Enterprise 11.5\java\applications\`

     to:

```
<BO_INSTALL_DIR_SERVER_1>\
```

7. Run the following command line on Server 1:

```
java -jar "<BO_INSTALL_DIR_SERVER_2>\Performance
    Management 11.5\setup\mergeboar.jar"
    "<BO_INSTALL_DIR_SERVER_1>\backup_of_desktop.war"
    "<BO_INSTALL_DIR_SERVER_2>\Performance Management
    11.5\pm11.boar"
    "<BO_INSTALL_DIR_SERVER_1>\BusinessObjects
    Enterprise 11.5\java\applications\desktop.war"
```

8. To set the Java option property of the Tomcat Configuration, go to **Start** > **Programs** > **Tomcat** > **Tomcat Configuration**.

9. In the *Java Options* edit box on the **Java** tab add the following line:

```
-Daf.configdir=<BO_INSTALLDIR_SERVER_2>/Performance
    Management 11.5/
```

10. Create an afhelp.xml file under <BO_INSTALL_DIR_SERVER_1>/ Tomcat/conf/Catalina/localhost that contains the following line:

```
<Context docBase="<BO_INSTALL_DIR_SERVER_2>\Performance
    Management 11.5\afhelp.war" path="/bobj"
crossContext="false" debug="0" reloadable="false"
    trusted="false"/>
```

11. Restart Tomcat.

    Tomcat deploys the afhelp.war and new desktop.war file automatically.

- If you have a cluster deployment with a secondary node dedicated to performance management processes, for this secondary node you must select Expand in the BO XI R2 setup wizard and click Next. In the Expand Options panel, change the CMS name to that of the PRIMARY node, and activate Processing Servers and EPM.

Configuration

The target database is missing after you configure performance management.

International

- You cannot populate ASCII data in a dimension on Sybase.
- On Sybase, you cannot create dimensions with Japanese characters and French accented letters.

Japanese

- Error messages do not display correctly.

General

- When the maximum number of concurrent users is reached, the last user to log in has limited options within InfoView and no access to the performance management repository, and users already logged in who have not accessed the performance management repository will be denied access.

Swedish

- Truncations and translation errors occur when you try to create dimensions, analytics, populations, sets, and models.

Connections

Sybase ASE ODBC

- An error occurs if you use the Sybase Adaptive Server 12 open client to create the performance management repository. You need to use a Sybase ASE ODBC driver to create the repository.

  To do this:

  1. Install Sybase using the correct language model.

  2. In the following registry location, create a new value string called **Sybase ASE ODBC3 datasource** with the value **Sybase ASE ODBC3 datasource**:

     ```
     HKEY_LOCAL_MACHINE\SOFTWARE\Business Objects\Suite
         11.5\default\Shared\ConnectionServer\ Network
         Layers\ODBC\SQL List
     ```

  3. Add the following lines to the **<databases>** section of the **odbc.sbo** (located at `[BO XI R2 Installation]\BusinessObjects Enterprise 11.5\win32_x86\dataAccess\connectionServer\ odbc`):

     ```
     <DataBase Active="Yes"Name="Sybase ASE ODBC3 datasource">
         <Libraries>
             <Library>dbd_wodbc3</Library>
     ```

```
        <Library>dbd_odbc3</Library>
    </Libraries>
    <Parameter Name="Family">Generic</Parameter>
    <Parameter Name="Version">rdbms_odbc3.txt</Parameter>
    <Parameter Name="SQL External File">sybase</Parameter>
    <Parameter Name="SQL Parameter File">sybase</Parameter>
    <Parameter Name="Driver Level">31</Parameter>
    <Parameter Name="Query TimeOut Available">No</Parameter>
    <Parameter Name="Array Bind Available">False</Parameter>
    <Parameter Name="Binary Slice Size">32000</Parameter>
</DataBase>
```

4. Save your change.

5. Copy the **sybase.rss** and **sybase.prm** files from:

[BO XI R2 Installation]\win32_x86\dataAccess\connectionServer\sybase

to:

[BO XI R2 Installation]\win32_x86\dataAccess\connectionServer\odbc

The ODBC Drivers option now appears in the Generic section of the Database Middleware Selection panel in the <: "Designer" 2> connection wizard.

6. For non-English versions of BO XI R2, you need to use a text editor to modify the `locales.dat` file in the following location:

<Sybase install folder>\locales\

Change the default locale's charset to use utf8 (or another suitable charset, e.g. sjis) based on your platform. For example, if you are on a Windows server make the following change in the [NT] section:

locale = default, us_english, **iso_1**

to:

locale = default, us_english, **utf8**

7. In Designer, create two Sybase connections:

- in the Generic section to use the Sybase ASE ODBC3 driver
- in the Sybase section to use the Sybase Adaptive Server driver

8. Create the performance management repository using the Sybase ASE ODBC3 connection.

Note: You may need to restart all the servers in the CCM to activate the connection.

9. Create the universe connection using the Sybase Adaptive Server connection.

10. Change to the Sybase Adaptive Server connection to the repository in the performance management System Setup to complete the setup.

   Note: The Sybase ASE ODBC3 connection is only for creating the repository.

- The univarchar data type is not supported.

- Non-ASCII data is not supported in Performance Management for the Object for Dimension name and Object for Dimension code objects in dimension creation.

Dashboard Manager

- When you create metrics, a metric name is generated automatically that may not make sense in some languages. You should type your own metric name instead of using the system default name.

- Use of values larger than 1.0E27 may cause performance management to freeze. When you try to display some analytics (like the goal analytic) that contains such values, an error occurs.

- If you select the 'Top Slices' document in the Metrics Analytics tab, it appears to load, but then the following error message appears:

   This document is not available on MS SQL Server Database.

- In the Metrics page, the refresh of groups of metrics does not always work.

   Workaround: In this case, refresh each of the metrics belonging to the group individually.

- The Destination section in the Scheduler Analytic Refresh dialog box shows a list column that contains the following item: ??schedule.destination.defaultmanaged???

- If you are using SAP Netweaver, a script error occurs when you try to schedule a refresh.

- When you create metrics, a metric name is generated automatically that may not make sense in some languages. You should type your own metric name instead of using the system default name.

- The Close button for the Metric Tree default view window of metric tree does not respond.

- When you customize a corporate dashboard, the name of the dashboard disappears from the public folders list. To view the dashboard name, you need to log out and log in again to InfoView.

- You cannot refresh a metric that contains an aggregation.

Dashboards

- Process Tracker is not available in the Corporate Analytic folder as an analytic or a link.
- In the InfoView preferences, when you change the options **Create a Single Dashboard** or **Create a Tiered Dashboard** in the **General** tab, you need to click **OK**. If you click **Apply**, your option change will not be applied.
- The scroll bar does not function for the Corporate Tiered Dashboard list in performance management.
- In SAP Netweaver, a page error occurs when you create a goal or analytic and click on Add to my dashboards.

Analytics

- When you click **Cancel** from the analytic prompt, the analytics properties page reappears with all or most settings returned to the default settings.
- When you click **Save As** for an analytic saved in FLASH format, the title does not appear and the only format available to save in is SVG.
- When you use the [Red] or [Blue] option in Designer to format labels, the option name appears in the Y axis label of the Goal analytic.

  For example: if you apply the [Red] option in Designer, it will appear as **100 [Red]** on the Y axis instead of **100**.
- The WebSphere application server crashes when you try to create a Map analytic.

  Workaround: Define a system environment variable:

  Name: **JITC_COMPILEOPT**

  Value: **SKIP{com/corda/pcis/c/c}{a}**
- When you set the following metrics to open in a separate window, they still open in the parent window:
  - Speedometer
  - Interactive Metric Trend
  - Metric List

- When you try to refresh an analytic after e-mailing it to someone, the following error message appears: "The document you are trying to open no longer exists in the system." However, the document does still exist.

  Workaround: Log out and back in again to see the document.

- When you open a Metric Forecaster document in Predictive Analytics, two error messages appear, but if you click OK for both of them, the document appears as normal.

- An error occurs when you link to an analytic from within another analytic, if you specify the repository type as 'M' or 'P' when creating the openAnalytic URL.

- For analytics based on a universe query, you need to use the default short date input format for prompt values on date objects. You should always use the same date format as that used in your Web Intelligence query.

- You cannot display a background image in the Strategy Map analytic from a local or remote file server using links like <file://>.

  Workaround: Use a relative link to a Tomcat folder (for example: "../images/Demo/globe.jpg") or absolute links to the Internet (for example <http://www.image.com/image1.jpg>).

- You cannot send the Gauge and Interactive Metric Trend analytics in SVG/Flash mode as email attachments in this release.

- An problem occurs when you open a Flash format analytic and click the Save as link: the analytic title does not appear and the format is SVG.

- Where are several Metric Trees associated with one goal or metric, only the Metric Tree is listed.

Interactive Metric Trend

- Interactive Metric Trend analytics migrated from a Application Foundation 6.5.1 repository and that contain no data should display the error message "No metric to display." However, they actually display "Interactive Metric Trends".

- The slice/unslice link does not work from a browser launched inside VMWare.

- When you edit an Interactive Metric Trend analytic in Flash and click **OK**, the display mode changes to SVG.

- If you cancel a new analytic without saving it, the analytic is still created.

Documentation

- The *Dashboard Manager online help* incorrectly states that you can create a metric or goal type using a **Change** variation to detect lag.

  Lag can be detected once the analytic is created:

  1. Click the analytic to select the beginning point.
  2. Drag the mouse pointer to a prior period.

     The *Change* and *% Change* calculations in the measure section change to show the lag between the start and end points. The time slider also changes to navigate between the start and end points.

- The *Dashboard Manager online help* does not discuss the following graph options in the Trend Analysis analytics topic:

  - **Cumulative Sum**: the running sum of a set of periods.

    Generic formula: Metric value Current Period + Metric value Prior period

  - **Month to Date**: the running sum for each month.

    Generic formula: Metric value Current Period + Metric value Prior period

  - **Quarter to Date**: the running sum for each quarter.

    Generic formula: Metric value Current Period + Metric value Prior period

  - **Year to Date**: the running sum for each year.

    Generic formula: Metric value Current Period + Metric value Prior period

Map analytic

- If you select the GL (Greenland) option in the Map analytic, the following error appears: "Couldn't Create Image".

Japanese

- The Graph properties Display text field displays the Yen symbol as '\'.

Pareto chart

- A Pareto Chart created in Application Foundation 6.5.1 and migrated to BusinessObjects Enterprise XI Release 2 does not appear in snapshot format.

Performance Manager

- An error may occur when you publish a goal or metric, or if you try to activate a goal or metric manually or using in Strategy Builder.
  Workaround:

  1. Open your CMC.
  2. Restart the AA Alert & Notification Server.

- If you create a bipolar goal based on a universe query with only one upper tolerance that is designated as the first upper tolerance, this tolerance is not displayed.

  Workaround: Select the same tolerance in both "upper tolerance" and "upper outer tolerance." This will give the same tolerance as if there were only the "upper tolerance."

- If you are using SAP Netweaver, a script error occurs when you try to create in Strategy Builder a new strategy or role, or publish a goal or metric.

- After migrating from 6.5 to BO XI R2, the publications may not be visible in the My Goals tab.

  Workaround:

  1. Migrate the BusinessObjects repository from BusinessObjects 6.5 to BusinessObjects XI R2.
  2. Start your server.
  3. In Strategy Builder, click the **Organization** tab.
  4. Select the Everyone role and click **Edit**.
  5. Click **Next** to go to the role definition page.

     The group is defined as Dynamic (Business Objects query) on the root folder name of your migrated 6.5 repository.
  6. In the Groups list, select **Everyone**.
  7. Click **Next**, then **Update Role**.
  8. Click **Refresh Membership**.

9. Verify that all other roles are part of the "Everyone" group.

- In Strategy Builder, errors occur if you try to update the Everyone role.

My Goals page

- Not all of the action hyperlinks work on the My Goals page.
- After migrating from 6.5 to BusinessObjects XI or XI R2, the publications may not be visible in the My Goals tab and you may not be able to publish a goal or metric to certain users.

  Workaround:

  1. Migrate the Business Objects repository.
  2. Start your server.
  3. In Strategy Builder, click the **Organization** tab.
  4. Select the **Everyone** role and click **Edit**.
  5. Click **Next** to go to the role definition page.

     The group is defined as **Dynamic (Business Objects query)** on the root folder name of your migrated 6.5 repository.
  6. In the *Groups* list, select **Everyone**.
  7. Click **Next**, then **Update Role**.
  8. Click **Refresh Membership**.
  9. Verify that all other roles are part of the "Everyone" group.

Predictive Analysis

- You cannot use range limits with the binning variable.
- An error occurs when you try to refresh a new model-based metric based on a set metric.
  Workaround: You need to manually set the packed_result value in the ci_param table. Insert the following into the ci_param table:

  ```
  (param_id, param_type, item_name, item_value) values
      (0, 1, 'packed_result size', [packed_result
      value])
  ```

  where `[packed_result value]` is the size of your set metric. The internal server maximum is 30000 when packed_result size is not set.

- If the default value for the packed_result size in the ci_param table is not compliant with your database configuration, the following error message appears when you create a model-based metric:

  ```
  (Load Model error error during the uudecode - size
  problem )- 147
  ```

  To resolve this issue:

  1. Verify that the ci_param table contains the following values:

     ```
      (param_id, param_type, item_name, item_value)
     ```

     where `item_name` is `'packed_result size'`, and `item_value` is an integer that corresponds to the maximum size of the ci_context_output.packed_result.

     Example: insert into ci_param (param_id, param_type, item_name, item_value) values (0, 1, 'packed_result size', 20000)

  2. Restart the performance management servers.

  3. Refresh the models.

Process Analysis

- After you have migrated the Rules Engine, the formulas of new, long rules vanish after a refresh.

2-tier products: Set Architect and Set Analyzer

BusinessObjects XI Release 2 supports Set Architect, but not Set Analyzer in 2-tier mode.

For more information refer to the supported platforms documents, available at:

http://support.businessobjects.com/supported_platforms_xi_release2/

Documentation

All documentation for performance management products is available as contextual help delivered with each individual product. To access the help, click the help button in the top-right corner of the portal.

Import Wizard

General

- Business Objects strongly recommends that you install the Microsoft Windows patch delivered after the XI R2 release to correct some additional bugs.

- Importing too many BusinessObjects documents may crash the Import Wizard. Business Objects recommends that you use incremental imports instead of a single-pass import. Especially, importing the entire Inbox may dramatically increase the number of documents to import, because copies of documents sent by BCA Scheduler are created for each destination user.

- When installing BusinessObjects Enterprise, we recommend running a Server Installation in order for the Import Wizard to run correctly.

- Import Wizard does not test that the File Repository Server and Input Server are running before starting to import objects.

  Workaround: Make sure the File Repository Server and Input Server are running before running the Import Wizard.

- Import Wizard does not test license validity before starting to import objects.

  Workaround: Make sure you have a valid license before running the Import Wizard.

User interface

- The "Clear All" buttons on Universe and Document dialog boxes clear even the greyed checkboxes.

- The icon for WID and WQY documents is the same.

- The Import Wizard may display universe and document domains which don't exist in the Business Objects repository.

- The Import Wizard may display a "not responding" message if the import takes too long.

- When you import Inbox documents, unselecting some document types is not taken into account, and the entire Inbox is imported anyway. This issue is corrected by the Microsoft Windows patch that we recommend you install.

- In the Import Wizard "Choose objects to import" screen, if you select only Inbox documents, personal documents, and the last option under "Choose option to import universes," the final summary screen does not show that universes have been selected.

- If we select only REP documents in corporate category with import all objects and belonging to selected category options . WQY and WID reports are also getting migrated.

Universes

- Large universe descriptions are not fully migrated.
- Migrated UNV files have an incorrect cluster GUID.
- In the Import Wizard "Choose objects to import" screen, if you select only Inbox documents and personal documents and the option to import "Only universes used by documents to import," the universes are not selected and are not imported.

  Workaround: Either explicitly select all desired universes, or import all universes.

Documents

Desktop Intelligence

- Migrated REP files with long names may be renamed.
- When a REP document is migrated or a document is published from Desktop Intelligence, then refreshed in Infoview, the date and time shown in the status bar are not updated.
- If from among Corporate documents you select for import only REP files, and then select the option to import all objects belonging to categories, then WQY and WID files are also imported.

WebIntelligence 2.x to XI Release 2

- HTML links are converted as text. This issue is corrected by the Windows patch we recommend you install.
- Scope of analysis is not migrated. Some objects are present in the Result pane but they should be present only in the Scope Of Analysis pane.
- The default fonts appear different, especially in charts.
- When you convert a WebIntelligence 2.x (WQY) document with column widths that are not set to default, the Web Intelligence XI R2 (WID) document may contain column width issues.

Workaround: Enable "Autofit Width" in the Properties tab for the affected columns and column headers.

- WQY dates are incorrectly migrated.
- After the import and conversion of Web Intelligence 2.x documents containing Japanese characters, the chart legend and label may be modified.
- Any long property for a WQY document may be incorrectly imported.

Miscellaneous

- When Web Intelligence reports are migrated from BusinessObjects Enterprise XI to XI Release 2, precaching properties are not updated to the new format.
- No warning is displayed when orphaned documents are migrated.
- When a WID file and a WQY file with the same name are imported without using the Rename option, one of them fails to migrate.

    Workaround: Use the Rename option when importing WID and WQY files that have the same name. This gives two migrated WID files in the CMS, one of which is renamed. Alternatively, rename one of the files before importing.

Performance Management

To see other release notes for Performance Management see Performance Manager.

- Even if you deactivate the **Import Categories**, **Import Documents** and **Import Universes** options while migrating from Application Foundation 6.x to BO XI R2, the *Select Categories*, *Select Document*, and *Select Universe* screens appear and all Application Foundation 6.x related documents, categories, universes, and connections are imported.
- Universes with subjects based or metrics associated are not imported.
- On SQL - When you select a connection to make the repository point to the Application Foundation repository, the Connection box displays data that is not from that connection.
- On the Setup tab of the Connection box (pointing to the Application Foundation repository), too much data is displayed. The correct connection names are displayed in the middle of other information wrongly displayed as connections.
- If you add a filter to an existing metric, the metric entry is duplicated.

- During the migration of goals (in goal name) and metric tree (in metric tree name and description), accentuated character migration does not occur correctly.

- Upon displaying the migrated dashboards, the AAAnalytics process used over 200K of memory and more than 90% of CPU resources. Tomcat also uses large amounts of CPU at random.

- The Metric list on the dashboard is not well displayed after migration for a non-administrator user.

- The Metric list incorrectly offers "Display Goal Analytic" from its navigation menu when no goal exists. When the Metric list has been navigated, the "Display Goal Analytic" option is always available from the Navigation menu for all items listed, whether a goal exists or not.

- After migration, the user can create a very long rule; after refresh the formula definition fully disappears.

- The metrics of some universes are set to Manual Entry and are no longer available for refresh.

- The warning message that appears when migrating from Application Foundation 6.1 does not contain all of the necessary information.

General

- Migration to Performance Management XI R2 is only supported from the following versions of Application Foundation: 6.1.b, 6.1.3, 6.5.1 and Performance Management XI.

- There is a check on repository version in Import Wizard that should block versions prior to 6.1.b but currently allows migration from versions 6.1 and 6.1.a. Migration from these versions of Application Foundation is not supported.

- Business Objects recommends that you migrate all of your Application Foundation objects at one time using the Import Wizard. An incremental migration can result in corrupt links.

- When upgrading the Application Foundation repository from version 6.x, use the Import Wizard. The repository upgrade in the Performance Management Setup does not upgrade the version 6.x repository to XI R2. Business Objects strongly recommends that you back up your Application Foundation repository before launching the Import Wizard. Failure to do so will result in the repository being unreadable in the 6.x environment. To maintain the source system after migration, follow these steps after the XI R2 installation:

1. Copy your AF 6.x repository using the account under which you will access the Performance Management repository.

2. Use the Import Wizard to migrate your Business Objects and Application Foundation objects to the CMS and to upgrade the Application Foundation 6.x repository.

3. In Setup, configure Performance Management to use the migrated repository.

Refer to the *BusinessObjects 6.x to XI Release 2 Migration Guide* for more information.

• Before importing schedules with the Import Wizard, you must define the local server administrator account under which schedules are executed.

Note: If you migrate from BusinessObjects 6.x to XI R2, some agnostic files are not supported by the CMS and are therefore not migrated. Refer to the *BusinessObjects 6.x to XI Release 2 Migration Guide* for more information.

Known Issues

• The Import Wizard does not import Application Foundation 6.x schedules to CMS on Oracle.

• Before importing Application Foundation 6.x schedules to an SQL server CMS with the Import Wizard, manually create an AFScheduleProgram object in the destination CMS. The Import Wizard does not correctly import AFSchedules to SQL server unless you perform this step before running the Import Wizard.

• Links in personal dashboards to personal documents are not migrated.

• When upgrading the performance management repository from version XI, use the repository upgrade in System Setup. You cannot upgrade a version XI repository to version XI R2 in the Import Wizard.

• When migrating from Application Foundation versions 6.1b, 6.1.3, or 6.5.1 to BusinessObjects Enterprise IX Release 2, access restrictions on dashboards may not be migrated correctly. Unauthorized users may be able to access restricted dashboards and dashboard items. Other performance management rights imported to the CMC may not be applied correctly in the destination environment, and some users may lose certain access rights.

Intelligent Question

Exporting to Web Intelligence

- When you export an answer to Web Intelligence, you must save it in Web Intelligence before editing it. If you edit it first, and then try to save it, you will receive the following error:
  An error has occurred: The object with ID 0 does not exist in the CMS or you don't have the right to access it.
  Workaround: To prevent this error, save the answer in Web Intelligence as soon as you export it.

- After exporting a question to Web Intelligence, you must save the generated report before clicking the Edit button. Clicking Edit prior to saving the report will result in the following error:
  An error has occurred: The object with ID 0 does not exist in the CMS or you don't have the right to access it.

Running InfoView after uninstalling

When you uninstall Intelligent Question, do not install other Business Objects applications immediately. If the InfoView Plug-in feature was installed with Intelligent Question, and the Tomcat feature was installed with BusinessObjects Enterprise, the Intelligent Question installer does not wait for Business Objects integrated Tomcat to finish redeploying desktop.war. InfoView may not be available and other BusinessObjects applications should not be installed until the Tomcat service has finished redeploying it.

Navigating from Performance Management

When navigating to Intelligent Question from the Performance Management application, Intelligent Question opens within the top level browser frame. All other InfoView frames are hidden from view, which prevents the current user from accessing other InfoView applications.

Default installation location

QuestionEngine.exe creates a folder and a number of files under the WINDOWS\System32 directory. The QuestionEngine runs as a Windows service, which by default installs under the Windows\System32 directory.

Intermittent NullPointerException

It is possible to generate an intermittent NullPointerException when executing the following workflow while logged in to the Intelligent Question security application in the Central Management Console:

- Add a user to Question Designer
- Login to InfoView, selecting the Intelligent Question application
- Attempt to add another user to Question Designer

If this occurs, it is recommended that you log out of both InfoView and the Central Management Console and then log back into the Central Management Console.

OLAP Intelligence

16

Installation

- For a complete list of system requirements and supported platforms, see the platforms.txt file included with your product distribution. For complete installation instructions, see the installation guide (xir2_oi_olapinstall_xx.pdf).

Essbase support

A new Essbase/DB2 OLAP driver delivers enhanced support for native Essbase features such as multiple alias tables, Dynamic Time Series, attribute dimensions, and user-defined attributes.

Application behavior

- Calculated members from higher hierarchical levels in a dimension appear with members from lower levels. The problem occurs if you use OLE DB for OLAP (MSOLAP) data sources, your Worksheet contains a dimension with three or more levels in its hierarchy, and calculated members are on some or all of the levels in the hierarchy.

  For example, if your dimension has four levels (level 4 being the lowest child level), and calculated members exist at all four levels, when you invoke the Member Selector by right-clicking a level 1 member, and then use the function Add Children to Selection > Custom to display only the level 4 members, the calculated members at level 2 are displayed along with the level 4 members.

  You can manually deselect the calculated members to remove them from the Worksheet.

- The height and widths of the column heading cells are resizable, and the text in the heading cells is set to wrap by default. The report's text wrap setting can be changed in the OLAP Intelligence designer.

- For OLAP Intelligence reports, action URLs are always launched in a new browser window. Consequently, if you use the sWindow URL parameter with an openDocument URL in an action, you may receive an error.

  Workaround: Do not use the sWindow parameter in your openDocument URLs.

  The sWindow parameter determines whether the target report opens in the current browser window or in a new browser window.

- When OLAP Intelligence reports are viewed in the DHTML Interactive Viewer, strange behaviors such as the following may occur, depending on your Internet Explorer settings:

  - Some buttons (for example the OK and Help buttons) may be hidden by the status bar.
  - Export to Excel fails to work.
  - The Copy to Excel function in the Drill Through Viewer window fails to work.
  - An error may occur when you use the "Select All Members at Level x" option in the Member Selector.

  To ensure that the DHTML Interactive Viewer functions properly in your version of Internet Explorer, please refer to the following guidelines:

  - Add the website that hosts the InfoView application as a trusted site in Internet Options (Windows XP Service Pack 2 and Windows Server 2003 Service Pack 1).
  - Disable Enhanced Security Configuration (All versions of Windows Server 2003).
  - Turn off the pop-up blocker (Windows XP Service Pack 2) or add the site to the Allowed sites for pop-up windows.

- In the DHTML Interactive Viewer, the whole page is refreshed after the Member Selector window is closed.

  The cause of the problem is that some browsers, such as Firefox and Mozilla, are capable of refreshing only the entire page, not components on a page.

For users of the BusinessObjects XI Integration Kit for SAP

- Null suppression is on when an OLAP report is first created.

  This behavior is intentional when creating OLAP reports against an SAP BW data source, to maintain consistency with SAP default views. You can turn off null suppression with the toolbar button.

- The Member Selector in the Set Parameters dialog box may be slow to load large numbers of members. As a result, several minutes may pass before the Set Parameters dialog box appears; then it takes more time for the Member Selector to display.

- The URL syntax for opening a .car file in .NET InfoView is changed in OLAP Intelligence XI R2.

  Old URL syntax:

```
http://<Machine name>/styles/csp/
    analysviewer_sap.csp?id=<Report ID>&sap_client=<SAP
    Client>&sap_sysid=<System ID>
```

New URL syntax:

```
http://<Machine name>/businessobjects/enterprise115/SAP/
    InfoView/analysviewer_sap.csp?id=<Report
    ID>&sap_client=<SAP Client>&sap_sysid=<System ID>
```

International issues

- When using the Firefox Internet browser to access the HTML Query Panel in Web Intelligence, OLAP reports are not uploaded correctly if the language font used in the report name does not correspond to the language of the Firefox version and the operating system.

  Workarounds:
  - Make sure the report, operating system and Firefox version are the same language.
  - Use Microsoft Internet Explorer to access Web Intelligence, since this issue does not occur with Internet Explorer.

Data source connectivity

- Holos connectivity is no longer supported. When a user opens a Holos report, the following message appears:

  "The report cannot be opened because Holos data sources are not supported as of BusinessObjects XI Release 2."

- Calculated cells may be displayed as empty. If you use an OLE DB for OLAP (MSOLAP) data source, you may encounter problems with custom calculations that are based on other calculations.

  For example, create a calculation (A) and then create a custom calculation (B) based on the first calculation. If you change calculation A, the cells in calculation B display as empty; you must recreate calculation B.

General issues

- The OLAP Intelligence Navigation toolbar may not be removed when the OLAP Intelligence Add-In for Excel is disabled. When the OLAP Intelligence Add-In is disabled from the Add-Ins option on the Tools menu

in Microsoft Excel, the OLAP Intelligence toolbar is removed, but the OLAP Intelligence Navigation toolbar may remain. Use the Customize option from the Tools menu in Excel to manually remove the toolbar.

- When connected to a MSOLAP data source, OLAP Intelligence may produce erratic behavior when the underlying data cube is refreshed. Your report may become unstable and potentially unusable.

  If you need to refresh an OLAP cube, ensure that no other user is working with the cube when you refresh it. If you refresh the cube while a user is working with a report that uses the cube, the report's data may fail to be properly updated.

- Data fails to export to Excel from OLAP Intelligence. On a machine where OLAP Intelligence has completed its installation and Excel has not yet been opened, if you attempt to export an OLAP report to Excel, the export fails. Although an instance of Excel appears on the taskbar, the instance is inactive.

  To export to Excel successfully, manually open Excel and then close it. Exporting will then work as expected.

- By default, OLAP Intelligence uses XSLTC, which is not supported on WebSphere and WebLogic. If you use WebSphere or WebLogic, append the following to your JVM arguments (for WebSphere) or your java.options (for WebLogic):
  ```
  -Dbusinessobjects.olap.xslt.TransformerFactory=
      org.apache.xalan.processor.TransformerFactoryImpl
  ```

- By default, processes are handled within ASP.NET. Because this has limited scalability, you may want to run processes outside of ASP.NET. For information on running processes outside of ASP.NET, refer to the following technical brief on the Business Objects online support site: Improving the performance and scalability of BusinessObjects OLAP Intelligence XI.

- In the CMC, the navigation pane that is above the tabs may disappear when you use the Rights tab to add, remove, or check user rights for an OLAP Intelligence object.

  Workaround: Select any item from the list at the top of the CMC screen. The navigation pane is regenerated.

- Values in an Excel sheet show inconsistent formatting. For example, the values in the Total Expense column are formatted as currencies, but the values in the Net Sales column are not formatted as currencies. All the values are displayed as currencies within the OLAP Intelligence designer and on the server.

This issue appears when inconsistencies are found in how data is entered into the database. For example, some numbers may have been entered as currencies and some may have been entered as reals.

- If you modify a calculated member with the Calculation Expert or Data Analysis Expert, and then switch to a different expert before you've finished your modification, Internet Explorer may crash.

Avoid using the Calculation Expert when you edit calculations with the Data Analysis Expert that were created with the Calculation Expert. Similarly, avoid using the Data Analysis Expert when you edit calculations with the Calculation Expert that were created with the Data Analysis Expert.

For more information, see the following support article:

http://support.microsoft.com/default.aspx?scid=kb;en-us;831845

- The "Copy to clipboard" option is unavailable in the Drill Through Viewer of the DHTML Interactive Viewer.

Documentation

- In the chapter "Enabling the DHTML Interactive Viewer in Java InfoView", a paragraph in the Prerequisites section should read as follows:

OLAP Intelligence components, by default, are installed to the directory `C:\Program Files\Business Objects\OLAP Intelligence 11.5\`. If you choose to install to a different location, substitute your install path for the default in the generic Java Virtual Machine (JVM) arguments. The instructions in this chapter assume that you have installed to the default location. You must use the shortened directory naming convention shown (that is, `C:\Progra~1\` rather than `C:\Program Files\`) to ensure that no spaces are entered in the argument line. Spaces can be misinterpreted as an additional argument and can cause errors. If your operating system does not support shortened directory names, use the full path surrounded by quotation marks.

Portal Integration Kit

SharePoint web parts

Installation

- For a complete list of system requirements and supported platforms, see the `platforms.txt` file included with your product distribution. For complete installation instructions, see the installation guide.

- Disable all antivirus software before installing BusinessObjects Enterprise components. Enable your antivirus software after the installation.

Security and login issues

- If you use concurrent licenses, one license is used each time you view a document in the Sharepoint web part. To avoid overuse of concurrent licenses, use the named user license.

- The CMS name specified by the "BusinessObjects Central Managerment Server" property in the web.config file must be fully qualified and all uppercase.

Viewing issues

- In the Microsoft Sharepoint portal, you may need to adjust the layout options to view a report in the Document View web part:
    - From the Modify Shared Web Part tool pane, expand the Appearance section, and set the width and height for the display area.

      Use Pixels as the unit of measure.

- When accessing a portal page with the Document View webpart, you may be redirected to the Business Objects InfoView logon screen. This happens because your original logon session has expired.

    Workaround: Log on to InfoView to access the portal page.

Firefox browser issues

If you use the Firefox browser to view the Microsoft Sharepoint web parts, you may experience these issues:

- You cannot make a connection between the web parts, because the "connections" option is on a drop-down menu. Firefox does not support drop-down editing.
- Objects such as Word, Excel, PowerPoint, and RTF files may not display in the web parts unless the necessary plug-ins are installed.
- In edit mode, some options may be hidden due to layout issues.

JSR168 portlets

Installation

- For a complete list of system requirements and supported platforms, see the `platforms.txt` file included with your product distribution. For complete installation instructions, see the installation guide.
- Disable all antivirus software before installing BusinessObjects Enterprise components. Enable your antivirus software after the installation.
- The following versions of the portal platforms are supported for the Portal Integration Kit in BusinessObjects Enterprise XI Release 2:
  - IBM WebSphere Portal 5.1
  - BEA WebLogic Portal 8.1 SP4
  - Oracle 10g Portal Release 2

Viewing issues

- The help files may not display correctly in the browser for some Asian languages. The workaround is as follows:
  - From the View menu, select Encoding, and then click "Unicode (UTF-8)".
- The Document List and Document View portlets are theoretically connected by default, due to the default communication IDs. However, they are effectively not connected, due to the lack of default communication types.

  To connect the two portlets so that all known content types are viewed in-place, copy the following list of values into the "Communication Types" field:

  Analysis,Analytic,CrystalReport,deski,FullClient,Excel,MyInfoview,PDF,PowerPoint,RTF,Txt,Webi,Word

Documentation

- For the latest version of the documentation, see "Product Documentation on the Web" at the following site: http://support.businessobjects.com/documentation/.

- The System Requirements section in the Portal Server installation guide states that Microsoft Windows Server 2000 or 2003 is required; however, the Microsoft Windows Server is not required when you install the Portal Integration Kit on a UNIX system.

- For this release, the documentation is unavailable in Swedish or Portuguese.

Report Conversion Tool

Conversion

- In Web Intelligence, the crosstab has horizontal and vertical lines missing. This happens with crosstab that include functions such as percentage.

- A cell with only wrap text and long text shrinks both in height and in width.

- After conversion, the Date format and Boolean format in a cell are mapped to custom format, but not with a similar format.

- In the log file, entries for dangling references appear instead of missing references.

- LastExecutionDate differs after migration.

- Some formulas show a #DATATYPE error after migration.

- It is impossible to switch to page mode in the Java Query Panel when Margin has been decreased in Desktop Intelligence.

- When a multi-tab REP file is converted to WID, it does not keep the original selected tab.

- A cell containing a call to external functions is replaced by blank cells.

- A query that has prompts with the same question (text) but a different MONO or MULTI setting and a different response type among string, numeric and date returns an error message.

- After conversion, 2D charts on refresh have axis lines missing.

- Measure values are not placed properly in scatter charts.

- Chart axes are displayed in Web Intelligence even though they are not displayed in Desktop Intelligence.

- The number format for chart axis values is not converted in Web Intelligence.

- 2cube documents are not converted. They return an unhandled error.

- When a converted Web Intelligence document is opened in Infoview, drill hyperlinks are not available before or after refresh. When a Web Intelligence document is opened in the Java Report Panel, drill hyperlinks are not available before refresh but are available after refresh.

- Free-Hand SQL documents are not identified during conversion.

- Long document properties are not converted correctly.

- The following Break options may not be correctly converted: Remove duplicate, Center value across break, Repeat the header on the new page, and Repeat break values on new page are not selected.

- The Report Conversion Tool crashes when converting a document that is based on a universe with no associated connection.

User interface

- Clicking the Close button in the Report Conversion Tool caption bar does not close the tool.

Log files

- The "Focus" field in the log file for page setup and VBA macros is empty.
- The "Focus" field in the log file for conversion to WID format of REP files containing the Fill option for columns is empty.
- The error message text in the log file for chart legends has the chart title entry.
- When no audit connection has been defined for the Report Conversion Tool, an irrelevant error message (MIGTOOL_UNKNOWN_ERROR) appears in addition to the correct error message when you try to write to the audit log.

  Workaround: Before using the Report Conversion Tool, define an audit connection for it using the Central Configuration Manager (CCM).

Configuration Management Console (CMC)

- The FCtoWebI.unv file is not shown in the "Report Conversion Tool Universes" folder.
- The "Migration Audit Statistics Template.wid" document is not shown in the "Report Conversion Tool Audit Documents" folder.

Documentation

The Report Conversion Tool Guide says that reports from which breaks have been removed have converted status. In fact, they have partly converted status.

Semantic Layer

19

Designer

- The SQL syntax for Derived tables is not supported by Informix databases.

- Although Oracle 8.x is not supported, it is available in the list of database middleware in the Create a Connection wizard.

- You cannot create a connection with IBM DB2 if the IBM DB2 client is installed after installing BusinessObjects.

  Workaround: Install your IBMDB2 client before installing BusinessObjects.

- The creation of universes from Metadata Exchange (File > Metadata Exchange) is not supported on database schemas containing tables and columns whose names contain special characters (such as: \ / @ * , space character).

- A universe object for which the property "can be used in result" is not selected causes an error to occur when Web Intelligence queries involving that object are run.

- You must install the BusinessObjects XI Release 2 Integration Kit for SAP before you can create and use SAP OLAP universes.

- Sample universes and reports are installed in the <INSTALLDIR>\Samples folder, where <INSTALLDIR> is the BusinessObjects installation directory.

  If you get a connection error when importing a sample universe to Designer, or a "Universe can not be found" error message when refreshing a sample report, refer to the online version of the release notes for further information on how to solve this problem.

- When you open a Japanese universe created in Application Foundation 6.5.1, Japanese characters will not display correctly on UNIX platforms unless the universe has first been migrated to BusinessObjects Enterprise XI Release 2.

  Workaround: In Designer, click **Tools > Options**, then select **Migration forced**. This calls the Import Wizard to migrate the Japanese universe to the current release before it is opened.

- Only Teradata macros/stored procedures that return one single result set (as opposed to multiple results) are supported.

Business View Manager

When you create a DataFoundation using an SQL expression that contains a concatenate (x+y) operator, the Business View Manager closes unexpectedly.

Connection Server

A Web Intelligence query can not be run when Connection Server is operating in server mode.

19 Semantic Layer
Connection Server

Web Intelligence

Formula language

Referencing data outside a section

Web Intelligence now references data outside the current section in a formula that uses the **In** or **ForAll** operators.

Example: The In and ForAll Operators in a section

Here is a sample report based on the Insland Resorts Marketing universe, with the values now returned by Web Intelligence.

France

Year	Revenue	[Revenue] In [Year]	[Revenue] ForAll [Country]
FY1998	295,040	1,063,554	1,063,554

Previously, Web Intelligence returned 295,040 in the last two columns because it considered the data in the France section only. Now it considers all data.

ReportFilter() function

The documentation states that the `ReportFilter()` function returns all report filters when passed an empty string as a parameter. In fact the function returns an empty string in this case.

RunningSum() function

The `RunningSum()` function returns incorrect values when used with the `Block` keyword as an input or output context.

International issues

The functions appear in English in the interface when the interface language is Japanase, Korean, Chinese (Simplified) or Chinese (Traditional).

Cell formatting

Web Intelligence does not apply a corresponding cell format by default to a cell containing a function. (By default, Web Intelligence uses the cell format specified in the document locale.) For example, a cell containing the Rank() function, which outputs an integer, might not be formatted by default to display an integer.

Workaround: If necessary, change the cell formatting to correspond to the function output.

Note: You should be aware of the difference between changing the cell formatting and using the FormatNumber() function. If you format a number using FormatNumber(), the function outputs a *string* with the specified format. This means that, for example, you cannot carry out further arithmetical operations, like multiplication or division, on the function output.

Security

If you do not have the rights to view a universe, you do not see it in the list of universes, but you can open a report that is based on a universe to which you do not have access in the Java Report Panel.

Limits

The Web Intelligence software itself does not impose limits on documents (for example, there is no limit on the number of columns that a table can contain). However, limits are imposed by the following factors:

- Parameters set in the Central Configuration Manager (for example, the maximum size of a list of values).
- The software/hardware environment in which Web Intelligence runs.

The limitations of the software/hardware environment mean that restrictions such as the maximum number of columns in a table, the maximum number of tables in a report or the maximum number of prompts in a document vary from case to case; Business Objects cannot provide precise figures.

Error messages

- The help file for error message WIS 00020 is not available. The text of the help is as follows:

    Message:

    The SQL generated by the query is invalid.

    Cause:

    The syntax of the SQL of your query is not valid.

    Action:

    If you have edited the SQL manually, verify its syntax. If the SQL is generated directly by Web Intelligence, make a copy of it and see your BusinessObjects administrator.

- The help file for error message WIS 00022 is not available. The text of the help is as follows:

    Message:

    Invalid identifier **[identifier]** at position **[position]**.

    Cause:

    A formula contains an element that is not in the report.

    Action:

    Correct the formula.

- The help file for error message WIS 00024 is not available. The text of the help is as follows:

    Message:

    Incompatible object data types in the subquery filter.

    Cause:

    The subquery attemps to compare objects of different data types (for example a measure with a dimension.)

    Action:

    Edit the subquery to use compatible object types.

Change source

After you change the source of a report, hidden dimensions become visible.

Charts

The X-axis label is not visible on a Vertical 2D chart with a thick border.

The data series is not displayed correctly on a Vertical Stacked bar chart when there are two measures on the Y-axis.

International issues

When the traditional Chinese font MingLiU is used in charts in Web Intelligence, the X-Axis label, Y-Axis label and legend title are not displayed properly.

Workaround: Use the Arial Unicode font to display traditional Chinese text in Web Intelligence charts.

1. Install the Arial Unicode font.

2. Stop the Web Intelligence Report Server

3. Modify the following entry in fontalias.xml, located in <InstallDir>\BusinessObjects Enterprise 11.5\win32_x86\fonts.

```
<FONTATTRIBUTE BOLD="false" ITALIC="false"
    LOGICAL="MingLiU"
    PHYSICAL="mingliu.ttc,1:ARIALUNI.TTF" />
```

to

```
<FONTATTRIBUTE BOLD="false" ITALIC="false"
    LOGICAL="MingLiU" PHYSICAL=ARIALUNI.TTF" />
```

4. Start the Web Intelligence Report Server.

Drill

An error occurs when you attempt to run a query in HTML mode after drilling out of scope then attempting to activate query drill mode.

Sometimes it is not possible to modify a table in Interactive HTML when working in query drill mode.

Document linking

When a call to `OpenDocument` contains a invalid value for the `sType` argument, Web Intelligence gives an HTTP 500 error.

Data providers

Web Intelligence throws an error when you click Undo after you run a duplicated or newly-inserted data provider, then try to edit the data provider.

Custom sorts

When you merge dimensions on which custom sorts are defined, the custom sorts are lost.

Java Report Panel and HTML Query panel

- When you navigate away from the Java Report Panel or the HTML Query Panel, the navigation message does not appear and you can lose any changes you have made in your document.

- In the HTML Query Panel, double-clicking on the cross-hair icon in the top left corner of a table or chart does not open the Format Table/Format Chart window.

- In the HTML Query Panel, a blank cell cannot be edited, and you cannot enter any text or numerical strings into it.

- In the HTML Query Panel, you cannot use edit in place for cells by double-clicking on them.