Visual Studio Integration Manager

Copyright

© 2010 SAP AG. All rights reserved.SAP, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP Business ByDesign, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries. Business Objects and the Business Objects logo, BusinessObjects, Crystal Reports, Crystal Decisions, Web Intelligence, Xcelsius, and other Business Objects products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Business Objects S.A. in the United States and in other countries. Business Objects is an SAP company.All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.These materials are subject to change without notice. These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

2010-05-24

Visual Studio Integration Manager

Visual Studio Integration Manager lets you switch Integrated Development Environments between different versions of Crystal Reports when working with Microsoft Visual Studio.

Visual Studio allows only one version of Crystal Reports to be integrated at a time. Without Visual Studio Integration Manager, to develop projects in different versions of Crystal Reports you would need more than one computer with different versions of Crystal Reports integrated with Visual Studio. Or, on a single machine, you would have to follow the uninstallation and installation process for each version of Crystal Reports being integrated.

With Visual Studio Integration Manager, you can easily develop content for different versions of Crystal Reports in Visual Studio.

Visual Studio Integration Manager is available for download in the following website: *Business Objects Community*.

Visual Studio Integration Manager supports the following versions of Crystal Reports and Visual Studio:

	Crystal Reports Basic	Crystal Reports XI	Crystal Reports XIR2	Crystal Reports 2008
Visual Studio 2003	x	x	x	x
Visual Studio 2005	x		x	x
Visual Studio 2008	x			x

Note:
When integrating Crystal Reports XI Release 2 or Crystal Reports Basic for Visual Studio 2005 with Microsoft Visual Studio 2005, the Visual Studio Integration Manager does not replace or update the ClickOnce deployment files. To download the correct redistributable runtime package (MSI) for ClickOnce deployment, go to the following site and select the appropriate version of Crystal Reports: *http://support.businessobjects.com/downloads/run*

time.asp. To avoid further updates, in the ClickOnce Bootstrap directory, create a `Crystal Reports 11.5` folder and add the ClickOnce runtime package for Crystal Reports XI Release 2.

To use Visual Studio Integration Manager

You must ensure the following before running the Visual Studio Integration Manager:

- If you are using an operation system other than Windows Vista, you must be logged on as an administrator of your machine to perform integration switches with Visual Studio Integration Manager. Unless your machine is running Windows Vista, if you are not logged on as an administrator, you will be required to enter the log on information of an administrator when the tool is run.
- Visual Studio must be shut down to perform integration switches. If Visual Studio is running on your machine, you will be able to run the "Visual Studio Integration Manager" wizard, but you will be unable to perform any switches, and an error message will be displayed.

1. Run `VSIM.exe`

   `VSIM.exe` is in the following directory: `C:\Program Files\Business Objects\common\Tools\bin\`. Alternatively, you can run the wizard in **Start** > **Programs** > **Business Objects** > **Visual Studio Integration Manager**.

   The "Visual Studio Integration Manager" wizard is displayed.

2. Click **Next**.
3. For each version of Visual Studio, select the appropriate option from the "New CR Version" list.

   The **None- remove Crystal Reports** option does not uninstall that version of Crystal Reports. This option only removes the integration of Visual Studio and Crystal Reports. To uninstall Crystal Reports, you must run Crystal Reports Setup.

   If the currently integrated Crystal Reports is not installed correctly, or if more than one version of Crystal Reports have been found to be integrated, "Current CR version" will be listed as "Invalid". Switch to one of the available options to fix this issue.

4. Click **Next**.

The status of the operation is displayed. When the operation is finished, the **Close** button is enabled.

5. Click **Close**.

The switch between versions of Crystal Reports in Visual Studio is now complete.

Running VSIM from the command line

The Visual Studio Integration Manager can be run using command line arguments to switch Visual Studio IDEs between different versions of Crystal Reports.

Note:
You must run the command line as Administrator and ensure that all versions of Visual Studio are shut down before performing a switch.

```
VSIM -switch [VS2003=None|<CRVer>] [VS2005=None|<CRVer>
[VS2008=None|<CRVer>]
```

Parameter	Description
-help	Shows help about the available commands.
-display	Displays the list of Visual Studio IDEs with current Crystal Reports versions.
-switch	Integrates the specified `<CRVer>` version of Crystal Reports into the specified Visual Studio versions. The following values are supported: • `CR9.1` (Crystal Reports Basic for Visual Studio .NET 2003) • `CR10.2` (Crystal Reports Basic for Visual Studio 2005) • `CR10.5` (Crystal Reports Basic for Visual Studio 2008) • `CR11.0` (Crystal Reports XI) • `CR11.5` (Crystal Reports XI R2) • `CR12.0` (Crystal Reports 2008)

Example:

The following example integrates Crystal Reports 2008 into Visual Studio 2008, and Crystal Reports Basic for Visual Studio 2005 into Visual Studio 2005.

```
VSIM -switch VS2008=CR12.0 VS2005=CR10.2
```