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English

**SAP Business One
Software Development Kit
(SDK)**

Release Notes

SAP AG
Neurottstr. 16
69190 Walldorf
Germany

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Contents

Summary	7
What's New in the SAP Business One 2004 Software Development Kit (SDK).....	8
DI Server	8
User Defined Object	8
UI API	8
Add-on Administration	8
Adding Menu Items to a User Form	8
Editing Menus in XML.....	8
Progress Bar.....	9
Status Bar.....	9
Font Style Setting	9
Link Button in Matrix.....	9
Delete column in Matrix.....	9
New Methods in Matrix.....	9
Additional Method in the DBDataSource Object	9
Exposing the DataSource for System Forms	9
New DI Objects.....	9

Summary

The SAP Business One UI API 2004 is a collection of COM objects that expose the graphical user interface of SAP Business One. Using the UI API, you can catch and handle events of the application interface and manipulate them. The UI API also exposes interface elements individually such as forms, form elements, and menu elements allowing you to change their behavior or design.

The SAP Business One UI API supports the following:

- Interfering with SAP Business One event handling of user interface.
- Modifying user-interface object properties such as, position, caption, width, height, data, etc.
- Adding new user-interface elements such as forms and form elements.
- Activating object events such as click, double-click, message box, etc.

In addition, the UI API includes an auto-start feature that lets you register the add-on program you developed with a SAP Business One application. After registering, the SAP Business One application will launch your add-on program automatically.



This version of SAP Business One Software Development Kit (SDK) supports only Windows 2K and Windows XP. This version does not Support Windows 9.x. and ME (Due to unsupported Unicode ATL functions).

What's New in the SAP Business One 2004 Software Development Kit (SDK)

DI Server

DI Server is a key to server solutions. For example, it supports simultaneous multiple remote client batch processes and web-based solutions.

DI Server is based on DI API technology and supports all business objects that are exposed to DI API.

DI Server implements a connection pooling mechanism to enhance performance and scalability of the server. In addition, built-in XML schema completion is based on company data characteristics.

DI Server is a SOAP based interface. This means that it does not limit the client to a COM interface, but allows a wide range of possible client technologies.

User Defined Object

The User Defined Object offers partners the ability to:

- Add Business Objects to the application object collection.
- Use the set of services that the application offers, such as Connect Form to Object, Find, Add, and Update modes, and other predefined services.

UI API

Add-on Administration

The Add-on registration process has been enhanced with the following features added:

- Notification of any Add-on failure – the SAP Business One 2004 client informs the user if a Critical Add-on stops running. The SAP Business One 2004 client enables the user to re-start the Add-on without restarting the application.
- Management of Add-on distribution at the Database level.
- New management tool for the system administrator to manage Add-on registration and settings.
- New monitor tool supplying information for the Add-ons running on user machines.
- Select automatic or manual run of an Add-on.
- Customise the sequence of Add-on events specific to the company.

Adding Menu Items to a User Form

SAP Business One SDK 2004 provides the ability to add a menu on the application menu bar to a User form.

Editing Menus in XML

In SAP Business One SDK 2004 you can add, update, and delete multiple menus in XML simultaneously.

Progress Bar

SAP Business One SDK 2004 exposes the application progress bar for the use of the Add-on developer.

Status Bar

SAP Business One SDK 2004 exposes the application status bar for the use of the Add-on developer for reading error and warning messages.

Font Style Setting

SAP Business One SDK 2004 expose font style setting for the GUI element (checkbox, combo box, option button).

Link Button in Matrix

SAP Business One SDK 2004 enables the definition of a matrix column with a link button attribute.

Delete column in Matrix

SAP Business One SDK 2004 enables the deletion of a matrix column.

New Methods in Matrix

SAP Business One SDK 2004 expose new methods for manipulating data for DBDataSource to Matrix and via versa.

Additional Method in the DBDataSource Object

A new method allows better manipulation of the view/data.

Exposing the DataSource for System Forms

SAP Business One SDK 2004 allows you to get the Data Source object for system forms (read only).

New DI Objects

OCLA	Activity Status
OCRB	BP Bank Accounts
CRD5	BP Payment Dates
CRD2	BP Payment Methods
CRD4	BP Withholding Tax
OBGT	Budget
BGT1	Budget Lines
OBGD	Budget Distribution
OBGS	Budget Scenarios
ODUN	Dunning Letters
HEM6	Employee Roles Information
UPT1	Extend User Perm Tree
OOND	Industries
OITB	Item Groups
OPKG	Package Types

OQUE	Queue
QUE1	Queue Members
OORL	Relationships
OFCT	Sales Forecast
FCT1	Sales Forecast Lines
OPR4	Sales Opportunities Interests
OPR2	Sales Opportunity Partner
OPR5	Sales Opportunities Reasons
OSTA	Sales Tax Authorities
OSTT	Sales Tax Authorities Types
OSTC	Sales Tax Codes
STC1	Sales Tax Codes Lines
SPP1	Special Prices, Data Areas
SPP2	Special Prices, Quantity Areas
OTER	Territories
UDO2	User Object MD, Find Columns
UDO3	User Object MD, Form Columns
UDO1	User Object MD, Lines
OUDO	User Objects MD
OUPT	User Permission Tree
USR3	User Permission
OWHS	Warehouses
INV5	Withholding Tax Data