



Platform | Extensibility

SAP Business One 9.3



Web-based Workflow Management



SAP Business One Workflow Manager

Welcome, B1SiteUser | [System Landscape Directory](#) | [Help](#)

Workflow Settings | Template Assignments | Template Activations

SAP Business One Server: dewdfth12415:30015

Workflow Service

Restart

Status: Running

Workflow Companies (13)

Set Password

Activate	Database Name	Company Name	Database Type	Version	User Name	Data Access	Detailed Information
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
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<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	

Set Password

Database Name: SBODEMOGB

Company Name: OEC Computers UK

Database Type: HANADB

Version: 930000

User Name: Workflow

User Password: ****

Update Cancel

Workflow Configurations

Save

Log Type: Information Debug Error Warning

Log File Size: 5 MBs

Conditional Event Start Interval: 1 Minutes

Feature

- Web-based management.
- Improved performance (response time) and stability.

Benefit

- Unified and centralized configuration in the System Landscape Directory.

Company Specific Mailer Configuration



The screenshot shows the 'General Settings' dialog box in SAP. The 'Enable Company Specific Mailer Configuration' section is highlighted with a red box. This section includes the following fields and options:

- Enable Company Specific Mailer Configuration
- SMTP Server: mail.oec.co.uk
- SMTP Port: 25
- Authentication: Plain Password
- User Name: mail@oec.co.uk
- Password: xxxxx
- Encoding: English (UK)
- Use TLS Encryption
- HTML Direction Right to Left
- Include Subject in Message Body

Other visible settings include:

- At the Beginning of Each Session:** Perform Data Check, Open Exchange Rates Table, Display Recurring Postings on Execution, Display Recurring Transactions on Execution, Send Alert for Activities Scheduled for Today, Display Inbox When New Message Arrives, Open Window for Credit Voucher Ref. Update, Open Postdated Checks Window, Display Worklist When New Task Arrives.
- Internet Definitions:** Use Proxy Server for Web Connection, Enable Case Sensitive Search, Enable Transaction Notification, Enable Live Collaboration, Integration Framework Connection Timeout (Seconds): 30.
- Default E-Mail Method:** SAP Business One Mailer, Outlook E-Mail.
- Telephone No.:** Area Code, For External Line, Map Service: Google Map, History / Log: 99.
- Update Messages (Min.):** 5
- Screen Locking Time (Min.):** 30
- Open Postdated Credit Vouchers Window:** No
- Alternative Keyboard Usage:** Use Numeric Keypad ENTER Key as TAB Key, Use Numeric Keypad DOT Key as Separator on Display Tab, Enable Document Operations by Mouse Only (Such as Add, Update, OK).

Buttons: Update, Cancel

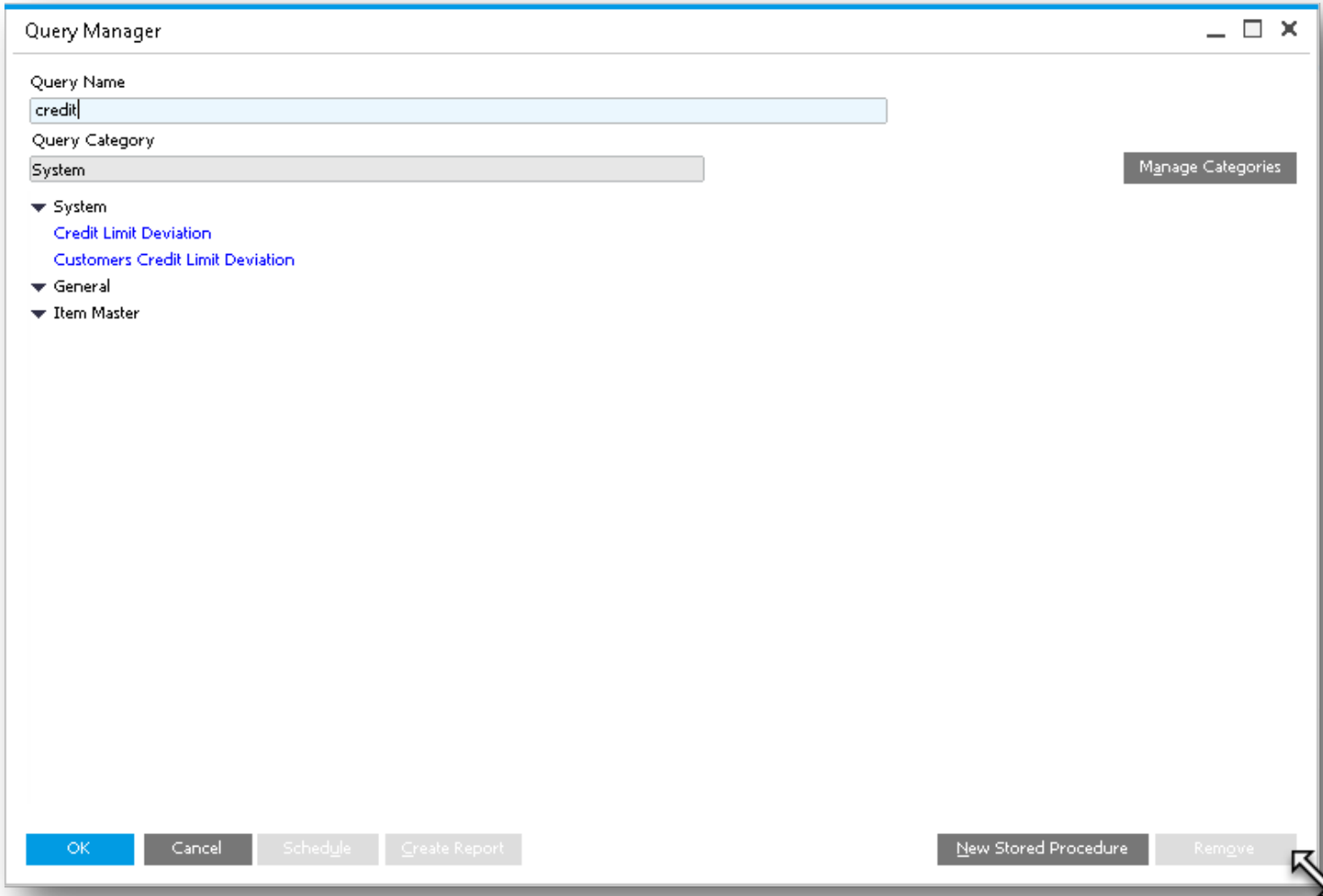
Feature

- Enable company specific mailer configuration.
- Switch between global company mailer configuration and company specific configuration.

Benefit

- Each tenant can have their own mail server in SAP Business One Cloud.

Query Manager UI Enhancements



Feature

- Filter the list of queries by query name.
- Expand the form to fit the results on your screen.

Benefit

- Fast access to queries.
- Full view of long query names and folders.

Using Extension Package Tool in Command Line Mode



```
Command Prompt
C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>ExtensionPackage.exe /86:"C:\Users\I043582\Desktop\AddOn Source\DemoAddOn\bin\x86\Release\DemoAddOn.exe" /64:"C:\Users\I043582\Desktop\AddOn Source\DemoAddOn\bin\x64\Release\DemoAddOn.exe" /p:"C:\Users\I043582\Desktop\AddOn Deployment Package\DemoAddOn.zip" /s:"C:\Users\I043582\Desktop\AddOn Deployment Package\DemoAddOn.ard" /ex:".dll|.pdb|.manifest|.b1s"

C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>

Info:C:\Users\I043582\Desktop\AddOn Deployment Package\DemoAddOn.zip already exists.The original file will be replaced.
Start packaging.
Packaged successfully.

C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>
```

Feature

- Generate lightweight extension package from command line

Benefit

- Automatization for solution packaging

ExtensionPackage.exe

/v: "1.3" (version of the Add-On solution)

/86: "..\DemoAddOn\bin\x86\Release\DemoAddOn.exe" (path to add-on 32 bit executable file)

/64: "..\DemoAddOn\bin\x64\Release\DemoAddOn.exe" (path to add-on 64 bit executable file)

/p: "C:\temp\Deployment Package\DemoAddOn.zip" (full path to save the output package)

/s: "..\AddOn Deployment Package\DemoAddOn.ard" (source ARD file which contains basic information)

/ex: ".dll | .pdb | .manifest | .b1s" (exclude files with specified suffixes under the packaging directory)

Expose Semantic Layer as an OData Service



SAP HANA Model Management

Name	Author	Version	Status	Deployment ...	Language
1 SAP HANA Model Packagi	SAP	1.2	Deployed	2017-04-24 9:45:12	English (United States)
2 Account Demo		1.2	Deployed	2017-04-24 9:45:12	English (United States)

Description

Package Name	View Name	View Type	Menu Description	Menu Enable	Service Layer Expose
1 sbodemous.adm	BudgetVSActualQuery	Calculation View	Budget Analysis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2 sbodemous.adm	CostAccountingAnalysisQ	Calculation View	Cost Center Analysis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 sbodemous.adm	CostAccountVFinancialA	Calculation View	Cost Accounting Versus	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Compatible Versions

SAP HANA
1 1.0.74
2 1.0.81
3 1.0.83

OK

SAP Business One
1 9.10.105
2 9.10.106
3 9.10.107

Deploy Import

Feature




- Expose Semantic Layer Query Views to SL.
- Expose Semantic Layer as Service.

Benefit

- Semantic view service supports OData ver. 4
- The following query options are available :
\$filter, \$select, \$orderby, \$top, \$skip and \$count.
- Parameters can be used.

Platform | Extensibility



Feature	Description
EFM Enhancement	Porting from C# to JAVA to support electronic invoices in service layer (Portugal only). 
SAP Business One Studio	SAP Business One Studio supports Visual Studio 2015 and TFS (Team Foundation Server) 2015.
X-App Supports SSO for Service Layer	X-Apps can make calls to Service Layer without requiring the end user login again. 
UI-API Lost Focus-Get Focus Improvements	Improved performance of grids when updating calculation fields
Support XML methods for SAPbouiCOM.DBDataSource	Fast data retrieve and manipulation on DBDataSource.
Service Layer as a Service*	A new service on the Service Layer platform which exposes semantic layer views in OData format. * Planned for later patch level in SAP Business One 9.3, version for SAP HANA 
Optimized Login Connection	Connect method optimization
Internal Reconciliation is exposed in DI API and Service Layer	The feature is presented as a new CompanyService object. Generally, it can get, cancel and add reconciliation entries.
Manage Electronic Document Monitor from DI API	The feature is presented as a new CompanyService object. It can get, add, delete and update the Electronical Documents. It has a feature to manipulate with the Electronical Documents logs.
User Defined Field extension	The User Defined Field's Link to System Object section had been extended with 20 additional objects, like Bill of Materials, Opportunity, Activities, Banks and Users.