

# Purchase Order Attachment and Output Document Extraction for SAP Business ByDesign

This application is designed to allow you to easily download the attachments saved in the purchase orders and the output documents created by the purchase orders within your SAP Business ByDesign system, using a simple list of purchase order IDs as the input file.

The input file is a simple list of the purchase orders that you want to download the attachments or output documents for, with one order ID per line and saved as either a CSV or a text file.

An example is:

PURCHORD001 PURCHORD002 PURCHORD003

Before you can use the application, you need to go to the application preferences to configure the SAP Business ByDesign system details:

ByD PO Attachment Extraction Fil	e Edit
About ByD PO Attachment Extraction	
Settings	ж,
Services	>
Hide ByD PO Attachment Extraction	жн
Hide Others	ン親 H

Once the SAP Business ByDesign system details have been entered you can then select the output folder where any attachments or output documents will be saved once downloaded. The application will automatically create a new folder for each purchase order ID with the folder name the same as the order ID and any downloaded attachments or output documents within these sub folders.

After selecting the output folder you can then load the list of purchase order IDs which will appear on the right hand side of the application window.

To commence the download of the purchase order attachments and output documents, click the 'Download Documents' button.



On the lower half of the screen you can see an output log showing you what the application is doing and if there are any error messages. If for some reason the download stops you can just click the 'Download Documents' button to restart the download again, continuing from where it left off.

As each purchase order is processed, the order ID is removed from the list of purchase orders to process, but please be aware that the attachment or output document download could still be processing in the background.

• • •	ByD PO Attachment Extraction
Select Output Folder	Purchase Order List
Load Purchase Order List	121456
Download Documents	121457
	123876
	124100
	124533
	124788
	124943
	125111
	125743
	Application Log Output
Output folder set to //Users/paulmcnall Opening list of purchase order IDsfou Starting dowload of attachments	y/Documents/Mac Apps/SAP ByD Purchase Order Attachment Extraction/Test Output/ Ind 10 purchase orders.

The next section explains how to set up your SAP Business ByDesign system so that it works with this application.



### **Communication Scenarios**

Create a new communication scenario:

#### Communication Scenario Name: Purchase Order Attachment and Output Extraction

nmunication Scena ne:	* Purchase Order Attachment and Output	t Extraction			
signed Operatio					
Release Status	Operation Description	1 <sup>th</sup> Service Description	Ť <sup>k</sup>	Service Name	Dependent Object Service
				Manage Durch and Orderla	0
0	Read purchase orders	Manage Purchase Orders		ManagePurchaseOrderIn	L_1
0	Read purchase orders Find document output request	Manage Purchase Orders Query Document Output Request		QueryDocumentOutputRequestin	0

Add the following operations:

#### Service Name: ManagePurchaseOrderIn

vailable Op	erations				
Add Operation	the V Service Description the Service Name V Object				
		Read purchase orders	Manage Purchase Orders	ManagePurchaseOrderIn	

#### Service Name: QueryDocumentOutputRequestIn (select all three options)

ailable	Operatio	ns			
Add Ope	Release Status	Operation Description	Service Description $\triangleq \nabla$	Service Name	D O Se
$\checkmark$		Find document output request	Query Document Output Request	QueryDocumentOutputRequ	
<b>~</b>		Read document output request pdf	Query Document Output Request	QueryDocumentOutputRequ	
~		Read document output request xml	Query Document Output Request	QueryDocumentOutputRequ	

Click "Save and Close"



### **Communication Systems**

Create a new communication system:

- ID: PO-EXTRACT
- Host Name: PO-EXTRACT
- System Access Type: Internet

Basic Information			Internal Com
ID: *	PO-EXTRACT		
SAP Business Suite:			
Host Name:	PO-EXTRACT		
System Access Type: *	Internet	~	
Technical Contact			

Add a system instance ID: PO-EXTRACT – Web Service

System Instances Add Row Remove		
System Instance ID	Preferred Application Protocol	I
PO-EXTRACT	5 - Web Service v	1

Click "Actions" and then "Set to Active":

Save and Close Save	ave Close	Actions "
		Set to Active
		Set to Obsolete
Basic Information		Undo Obsolete
ID: *	PC	D-EXTRACT
CAD Ducinace Cuita		

Click "Save and Close"



## **Communications Arrangement**

Create a new communications arrangement:

- Communication Scenario: Purchase Order Attachment and Output Extraction

1 Select Scena	ario 2 Define B	usiness Data 3 D	efine Technical Data 4	Review 5 Confirm	nation
< Previous	Next > Finish	Close	W Check Completeness	Save as Draft	
Communicatio	n Scenarios				7
Communicati	Communication Scenario				
Purchase Orde	er Attachment and	Output Extraction			Application Integration

#### - System Instance ID: PO-EXTRACT

< Previous Next > Finis	h <b>Close</b>   Preview	Check Completeness	Save as Draft
Communication System System Instance ID: * Communication System:	PO-EXTRACT PO-EXTRACT		<b>ע</b> רם א



- Communication Method: Direct Connection
- Inbound Communication Enabled: CHECKED
- Application Protocol: Web Service
  Authentication Method: User ID and Password
- User ID: \_PO-EXTRACT (automatically set)

1 Select Scenario 2 De	fine Business Data > 3	Define Technical Data 4 R	eview 5 Confirm	mati
✓ Previous Next → Fi	nish Close   Previo	Edit Advanced Setting	gs Check Compl	leter
Communication Method:	Direct Connection		~	
Inbound Communication:	Basic Settings			0
Inbound Communication Enabled:				No
Enabled:	Web Service		~	No
	0	rd	~	No
Enabled: Application Protocol: *	Web Service	rd Edit Credentials		No
Enabled: Application Protocol: * Authentication Method: * User ID: *	Web Service User ID and Passwor	-		No
Enabled: Application Protocol: * Authentication Method: *	Web Service User ID and Passwor	-		No

Click the "Edit Credentials" button:

< Previous Next >	Finish Close Preview Edit Advanced	Settings Check Comple	eter
Communication Method:	Direct Connection	~	
Inbound Communicatio	-		0
Enabled: Application Protocol: *	Veb Service	~	N
Authentication Method: *	User ID and Password	~	
User ID:*	_PO-EXTRACT Edit Credentials	)	
Services Used			
Manage Purchase Orders	Uses Basic Settings Enabled		



Enter a password and then click OK:

Edit Communication User		
User ID:	_PO-EXTRACT	
User Account:	_PO-EXTRACT	
Language:	EN - English	~
Change Password	Certificate	
Password:	•••••	
ок		

Click Next and then click Finish.

The system configuration is now complete!

You should use the \_PO-EXTRACT user ID and password in the Purchase Order Attachment and Output Extraction application when configuring the system details.