BPA Platform

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Web Service Connector Tool v1.1

Release Notes

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Introduction

Purpose of the Document

To describe the functionality included in this tool pack, and the installation and configuration instructions required for implementation of its features.

Build Information

The Web Service Connector version 1.1 (Build 1107) is a complete build of this tool for application to BPA Platform (formerly “TaskCentre”). Components have the version number 1.1.1107.0.

You can apply this version of the Web Service Connector as a new installation, or as an upgrade to a previous version of the tool.

New Features

The following new features are available in this release:

New XML or JSON Control Available for POST and PUT Operations (REST)

A new UI control is available to determine whether the input document's content is in XML or JSON format. This is only available when defining POST and PUT operations for REST web services:

SupplementaryReference Support for ErrorData Object

The `SupplementaryReference` field is now exposed in the error XML consumed by succeeding task steps.

Force Digest Authentication if it Isn't Declared in the WSDL

If digest authentication is required by a SOAP web service but hasn't been declared in the WSDL, you can now force the Web Service Connector tool to use this. When adding authentication details for the SOAP web service, select whether to use **Basic** or **Digest** authentication. If this is unknown, use **Auto** to allow the Web Service Connector to negotiate with the web service whether basic or digest authentication is required.

"user@domain" Support for Digest Authentication

Where digest authentication is used, ***user@domain*** is now a supported **Username** format.

Removed Features

None.

Resolved Issues

The following issues have been addressed in this release:

Issue No.	Description
41030	Ensured Database Query (OLEDB) and (ODBC) connections are visible to multiple-message operations.
71232	Corrected the order in which the consumed schema is requested from the preceding task step.
85434	Add UI control to show whether the input document for the REST schema is XML or JSON. This affects `POST` and `PUT` operations. (CUST.: 85305)
85849	`SupplementaryReference` added to the ErrorData object.
85880	Add ability to force digest authentication if not declared in the WSDL (CUST.: 85737)
85881	Expanded allowed username formats for digest authentication web services. ***user@domain*** is now a supported format.
87659	Correctly process multiple-message operations when input elements are not mapped (because they are not required by the web service). (CUST.: 54040)
87661	Resolved multiple-message operations not producing an output.
87893	Removed the need to initialise RichEd20.DLL when using a VBScript function in a Web Service Connector task step. (CUST.: 86992)
88069	Updated the version of Data Transformation Layer used. (CUST.: 87823)
88161	Force the use of TLS 1.2 when testing a REST connection in the global connection.
88281	Where the response must be of type application/octet-stream, ensured the data is wrapped in the root XML as a base64Binary string.
88565	When adding new REST services, adding “$” or “?” to the interrogated URL is now supported.

Installation / Upgrade Instructions

Prerequisite BPA Platform Versions

BPA Platform 2018 Build 4031 or higher is required for installation of the Web Service Connector. Any older installations of BPA Platform (formerly "TaskCentre") must upgrade to at least this version before applying this tool update.

Backwards Compatibility Considerations

The Web Service Connector has been designed to ensure any web service configurations and tasks, created in previous releases of this tool, continue to run without issue after upgrading. This backwards compatibility mechanism works so long as these configurations are not changed in any way via the user interface. If this is attempted, you are warned that some inconsistencies may be encountered.

Legacy configurations are executed in the exact same context as when originally created; however, any problems which have been fixed since the original release may still exist. Similarly, any new features added in the latest release may not be available at runtime.

To benefit from all fixes and to take advantage of new functionality included in this release, it is recommended the web service configuration is recreated, and any tasks refreshed to use the recreated connection.

Installation / Upgrade Steps

The Web Service Connector tool must be installed on the BPA Platform server and any remote BPA Platform client machines used to create and run Web Service Connector tasks.

The following details the installation procedure for the Web Service Connector tool (Note that the upgrade procedure is the same unless explicitly stated):

To launch the installer, double-click the Web Service Connector installer package (`setup.exe`).

Click **Next** at the installation launch window to start the process.

Click **Install** to start the installation process. The Web Service Connector is installed to the same location as main product installation.

Progress is displayed on screen.

When completed, click **Finish** to close the installation wizard.

Once installed, you must set up the global configuration for this tool to enable connections to specific web services. If upgrading the Web Service Connector, any previously created connections continue to run as before.

Reporting Installation Problems

If you have any problems installing this tool pack or upgrading your current version of BPA Platform, contact out Support team via https://www.codelessplatforms.com/support/log-support-ticket/.

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