

QUIBIS WEBDAV ADAPTER

VERSION 1.0

REVISION & SIGN-OFF SHEET

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1 THE ADAPTER

The QUIBIS WebDAV Adapter is an adapter to send and receive messages on a WebDAV Server directly from BizTalk. With the QUIBIQ WebDAV Adapter, you can easily and quickly sent and receive EDI and non-EDI (XML, flat file) messages from BizTalk.

1.1 FEATURES

Our QUIBIS WebDAV Adapter supports the following features:

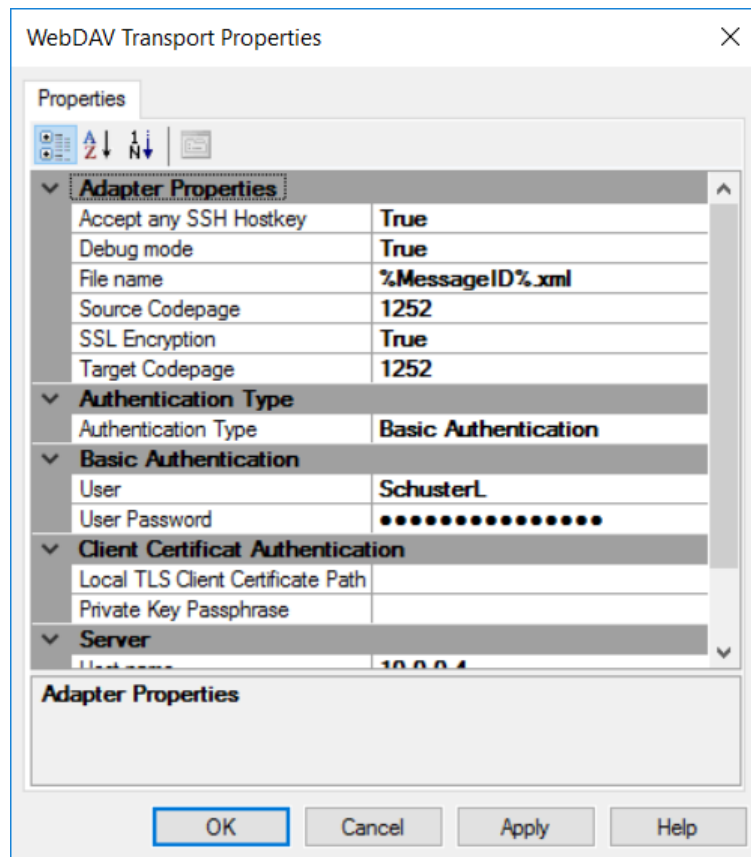
- Send to a WebDAV server
- Receive from a WebDAV server
- Specific receive via file mask
- Authentication via Basic Authentication
- Authentication via client certificate
- Edit source codepage and target codepage
- Use debug mode

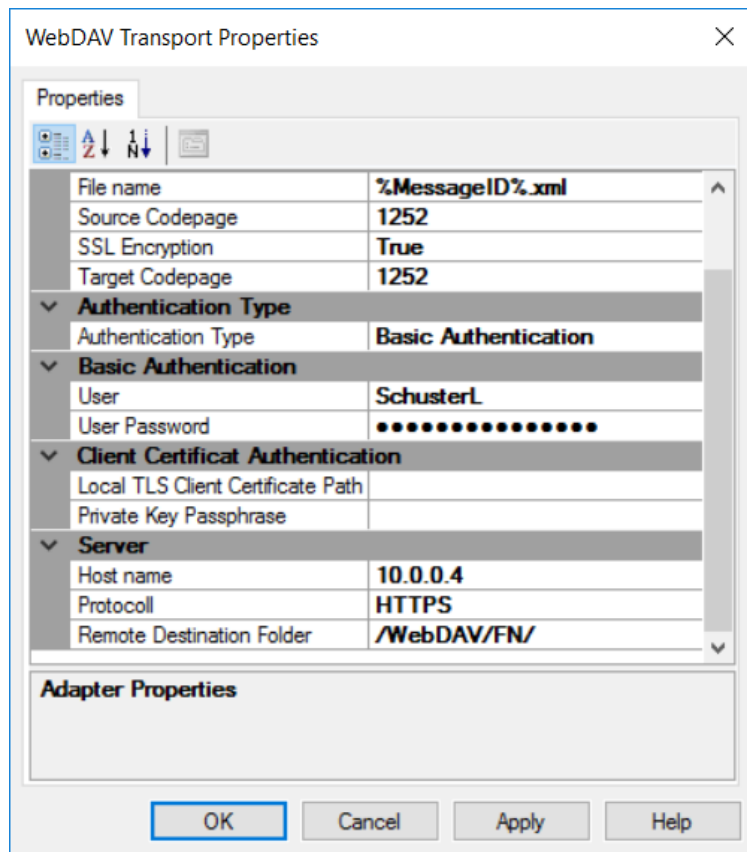
2 ADAPTER USAGE

2.1 SEND

The QUIBIS WebDAV adapter can be configured through the BizTalk port parameters and sends the parsed message in a PUT Request to the specified WebDAV server.

An example configuration look like this:





The WebDAV Adapter Send´s a PUT request, created from the following configuration.

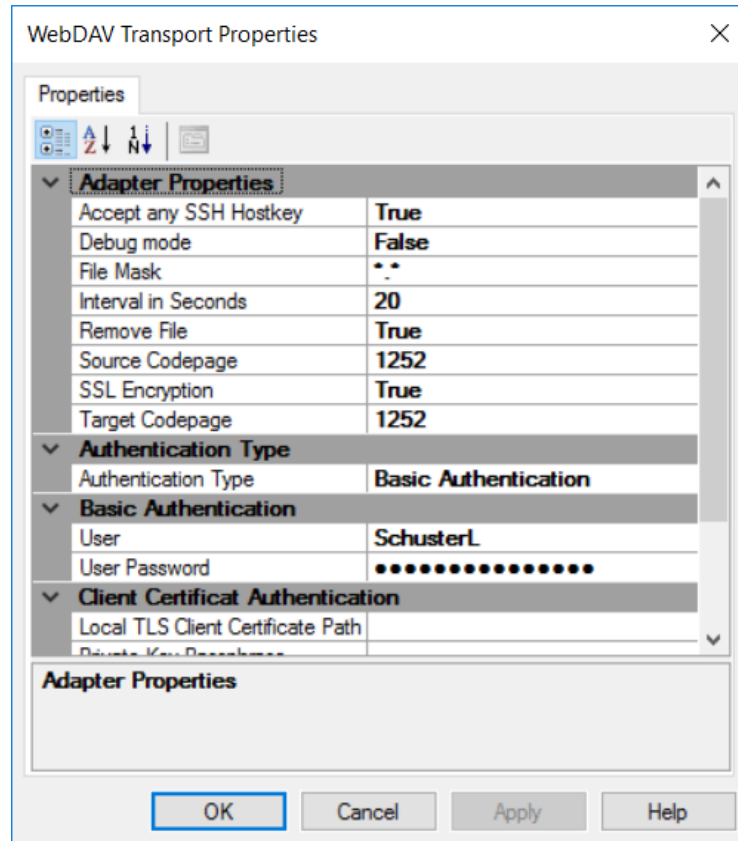
- **Accept any SSH host key** – Accept any SSH host key.
- **Debug mode** – Enable the debug mode to get information and warnings in the eventlog.
- **File name** – Name of the file, created on the WebDAV Server.
 - Available Macros:
 - %SourceFileName%
 - %MessageID%
 - %datetime%
 - %time%
 - %datetime_bts2000%
- **Source Codepage** – The source codepage of the message.
- **SSL Encryption** – Use WebDAVS (WebDAV over TLS/SSL), instead of WebDAV only.
- **Target Codepage** – The target codepage the message should have.
- **Authentication Type** – Authentication type to the WebDAV Server
- **User** – User for authentication, only used when 'Basic Authentication' is chosen.

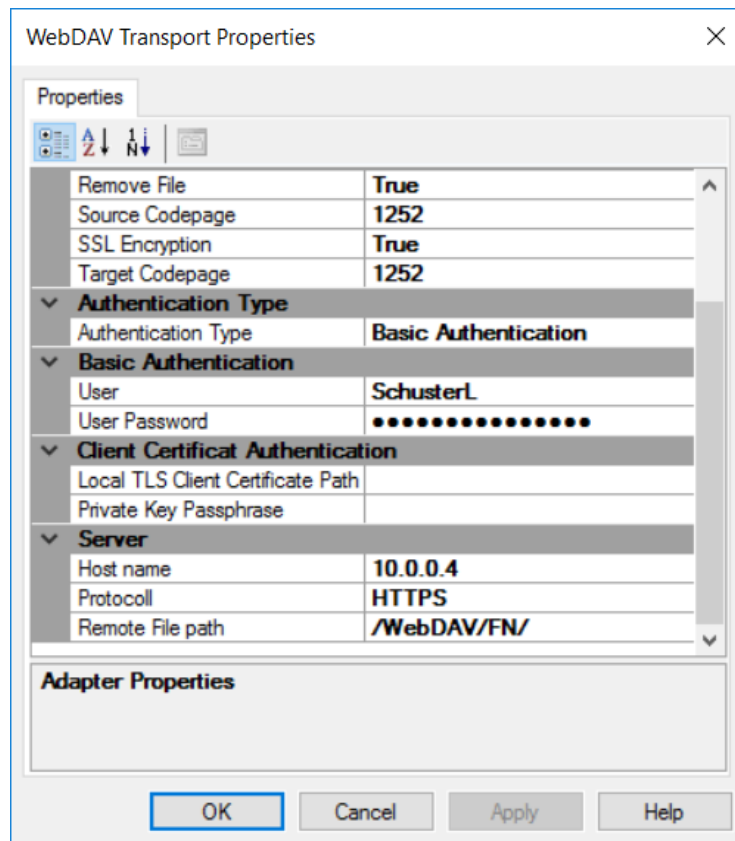
- **User Password** – Password for authentication, only used when 'Basic Authentication' is chosen.
- **Local TLS Client Certificate Path** – The full path to the TLS/Certificate on local disc, only is used if 'Client Certificate Authentication' is chosen.
- **Private Key Passphrase** – Passphrase for encrypted private keys and client certificates, only is used if 'Client Certificate Authentication' is chosen.
- **Host name** – The host name of the WebDAV service.
- **Protocol** – The protocol to communicate with the WebDAV service
- **Remote Destination Folder** – The Full Remote Destination Path where to put the Files

2.2 RECEIVE

The QUIBIS WebDAV adapter starts a GET request at intervals through the WebDAV Client. The polling cycle is configured in the BizTalk Receive Location.

An example looks like this:





The WebDAV Adapter send´s a PROPFIND and a GET request to the WebDAV Server, created of the adapter configuration.

- **Accept any SSH host key** – Accept any SSH host key.
- **Debug mode** – Enable the debug mode to get information and warnings in the Event log.
- **File Mask** – Get all files that match a specific mask. *.* would be everything.
- **Interval in Seconds** – Polling Interval in seconds.
- **Remove File** – Remove pulled file from WebDAV System.
- **Source Codepage** – The source codepage of the message.
- **SSL Encryption** – Use WebDAVS (WebDAV over TLS/SSL), instead of WebDAV only.
- **Target Codepage** – The target codepage the message should have.
- **Authentication type** – Authentication type to the WebDAV Server
- **User** – User for authentication, only used when 'Basic Authentication' is chosen.
- **User Password** – Password for authentication, only used when 'Basic Authentication' is chosen.

- **Local TLS Client Certificate Path** – The full path to the TLS/Certificate on local disc, only is used if 'Client Certificate Authentication' is chosen.
- **Private Key Passphrase** – Passphrase for encrypted private keys and client certificates, only is used if 'Client Certificate Authentication' is chosen.
- **Host name** – The host name of the WebDAV service.
- **Protocol** – The protocol to communicate with the WebDAV service
- **Remote Destination Folder** – The Full Remote Destination Path where to put the Files

3 INSTALLATION

3.1 REQUIREMENTS

On BizTalk 2013:

- Microsoft .NET 4.0 or higher must be installed.
- Microsoft BizTalk Server 2013 must be installed and configured.

On BizTalk 2016:

- Microsoft .NET 4.0 or higher must be installed.
- Microsoft BizTalk Server 2016 must be installed and configured.

3.2 INSTALLING THE ADAPTER

Adapter Setup:

- Install the Adapter on your preferred location on all BizTalk Nodes, with the provided Adapter Setup .msi.

Add Adapter to BizTalk:

- When the Setup completed without errors, open the BizTalk Administration Console and navigate to Platform Setting and right click Adapter and select “New”.
- In the field “Name” write “WebDAV” and select “WebDAV” in the Adapter dropdown.