Billig Shipping Script

The Billig shipping script, named 'Export_Billig' in the Airtox File, is for sending shipping orders to Billig (BA) for processing. It runs as a MW script and uses CURL to send shipping orders over tcp/http. It is triggered by selecting Sales Invoices and pressing the “Export Billig” button.

Technical documentation

Key features:

- **MW Sales Invoice Sending:** Sends selected sales invoices to the Billig API.
- **Checks Sales Invoices not already processed:** Uses Transaction field user_4. Puts a timestamp if already sent. err:err text if error.
- **Validates Delivery Addresses:** Checks the delivery address meets criteria. More info below
- **Validates Country 2 Char representation:** Billig API uses 2 Char country digits for addresses. Uses JSON file to verify.

BILLIG API Information:

- Sales Header endpoint: http://bc.billig-arbejdstoj.dk:18648/BC18_WS/ODataV4/Company('Airtox')/WS_3PL_Sales_Header
- Sales Line endpoint: http://bc.billig-arbejdstoj.dk:18648/BC18_WS/ODataV4/Company('Airtox')/WS_3PL_Sales_Line
- Sales Header Duplicated endpoint: http://bc.billig-arbejdstoj.dk:18648/BC18_WS/ODataV4/Company('Airtox')/WS_3PL_Sales_Shipment_Lines?%24filter=Order_No%20eq%20

The API is what can be deduced as a Microsoft Dynamics 365 API. The API is very basic and not very ideal, but it has been rock solid for 3 years despite its shortcomings. Some of those short commings are:

- Unable to check for duplications until an order has been manually processed at Billig's end. This means that duplications could happen when order is first created. Till now this has not been an issue.
- Uses http
- The test site is never updated with data and rules from the “live” site, which makes it impossible to test anything properly
- Uses NTLM for authentication. Luckily CURL has a method for this with option. Thanks Craig for finding this 🙂

```
Curl_SetOpt(ch, CURLOPT_HTTPAUTH, 8)
```

Entry point:

main.rs calls `start_server` which runs the main service loop.

From:
https://www.docs.sussol.net/ - **Sussol Docs**

Permanent link:
https://www.docs.sussol.net/doku.php/moneyworks:billig_shipping_script?rev=1771426985

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