# Troubleshooting Import Web Sales v2

This tool is used to import sales created on both Indie-commerce and Chrislands websites. The design is such that others may be added.

## Requirements:

- The ImportWebSales_v2.exe is separate from the VAL project file and creates an independent EXE from VAL.
    - Changes made to this project do not require version updates to implement. You may update users to a newer version without changing the version of VAL they are using.
    - There are two files required to implement:
        - **ImportWebSales_v2.exe** which lives in the Anthology root directory
        - **ImportWebSale_v2_vendors.JSON** which lives in the C:\Program Files (x86)\Common Files\Anthology directory.
    - The EXE can be launched in four ways:
        - From the Master Files | Inventory | Actions -> Prepare Uplooad for Web menu.
        - From the Tools | Special Import/Export | Ecommerce -> Import Web Sales menu.
        - Creating a Windows Task Scheduler event to run the program.
        - Or by executing the EXE from the command line.
            - This requires you to provide a profile name (e.g. C:\Program Files (x86)\Anthology> ImportWebSales_v2.exe (space) Profile name.

## Profiles:

- When a profile is created through the UI a second JSON file is created in the root called "**ImportWebSales_v2.JSON**" which contains the references to the profiles settings in the UI.
    - As sample of the file is shown below.
    ```
    {
     "settings":{
       "cselectfile":"",
       "nopgtype":1,
       "nsavesetting":1,
       "nvendors":2,
       "valrootfolder":""
      }
    }
    ```
        - If the "valrootfolder":"" contains a path, it means that in the **ImportWebSale_v2_vendors.JSON** – valrootfolder contains the path to an alternate folder for the EXE to launch from.
    - This file is overwritten anytime the profile is changed so making edits here are a waste of time.
    - Profiles names are not allowed to use any special characters except the underscore. MY-UPLOAD will error – MY_UPLOAD will not.

- ImportWebSale_v2_vendors.JSON, shown below is where the configuration takes place. The JSON file uses "KEY":"VALUE" pairs.
  - The Keys should never be changed. Only Values are editable.
  - The double \\ are not a mistake – they must be used.
- There are only a few Values to edit
  - Username & Password (credentials provided by vendor)
    - Used by Indiecommerce
    - Chrislands is part of the URL
      - "url": "https://chrislands.com/api/orders/UserName/Password/"
  - URL contains the address to the endpoint.
  - Directory is path to the location where the import files are saved. You can change this path; I provided a default to keep things consistent.
  - Filename (Optional) the is the prefix to the upload file being created (Chrislands_20211008.txt). You can change this name; I provided a default to keep things consistent.
  - OrderNoPrefix (Optional) is used to prepend the IC or CH to the order number being imported. This way if customers import from different vendor sites, they are unique and won't step on each other's numbers.
  - DaysToDownload Chrislands adds an additional value to tell the API how far back in the orders database to look. The default is 10.

```json
{
    "indiecommerce":  {
        "vendorname": "Indie-Commerce",
        "vendorclass": "IndieCommerce",
        "username": "UserName",
        "password": "Password",
        "url": "URL",
        "directory": "C:\\Program Files (x86)\\Anthology\\WebSales",
        "filename":"IndieCommerce",
        "importerClass": "AnthologyWebSalesImporter",
        "ordernoprefix": "IC"
    },
    "chrislands":  {
        "vendorname": "Chrislands",
        "vendorclass": "Chrislands",
        "url": "https://chrislands.com/api/orders/c_0275xw/283942/",
        "daystodownload": "10",
        "directory": "C:\\Program Files (x86)\\Anthology\\WebSales",
        "filename":"Chrislands",
        "importerClass": "ChrislandsWebSalesImporter",
        "ordernoprefix": "CH"
    },
    "valrootfolder": "C:\\Program Files (x86)\\Anthology"
}
```

## Customer Matching:

Customer matching is the process of determining if the order being imported is for an existing customer.

- Each download contains a WebID that uniquely identifies the customer to the vendor's site. When order is downloaded this webid is used to search the Anthology Customers table to see if this id exists.
    - If it does, that customer is selected.
    - Next the system compares the data in the "billing" against the billing information in the download. Anthology assumes that the download record is most recent and correct and updates the existing Customer record with the new data.
    - The current customer information is stored in the Customer Notes field and noted as "Customer record was updated with current billing information" and is visible from the Header tab of CO.

## Duplicate Orders:

To prevent orders from being downloaded multiple times or redownloaded if voided. A table named "WEBORDERIMPORTS.DBF" was created in the Anthology\Data directory.

- This table is not part of the DBC – it is a freestanding table.
- It contains three fields
    - POREF – order number from the download BEFORE the orderprefix is applied.
    - VENDOR – name of vendor.
    - IMPORTED – date of the import.
- Each time an import file is processed this table is referenced to see if an order already exists.
    - If not, the order is imported.
    - If exists, the order is skipped.
- If you need to force an order to be processed an additional time, you can remove the reference from this table, and it will not be skipped

## Log Files:

Log files are located in the **C:\Program Files (x86)\Anthology\data\LOG** directory and in this case named "IMPORTWEBSALES_V2.LOG". Each download/import invokes an update to the log, a sample shown below. It outlines each step of the import process.

From this you can determine where problems have occurred.

**Sample Log**

06/22/2021 11:49:24 AM - Start

06/22/2021 11:49:24 AM - Auto-download - Vendor: Chrislands,  VendorClass: Chrislands

06/22/2021 11:49:24 AM - Started download from Chrislands

06/22/2021 11:49:25 AM - Saved content downloaded from Chrislands to C:\Program Files (x86)\Anthology\Websales\Chrislands.csv

06/22/2021 11:49:25 AM - Import C:\Program Files (x86)\Anthology\Websales\Chrislands.csv file

06/22/2021 11:49:26 AM - Line 2, OrderId 8087 Created/Updated Customer "MARZEC*", CO # 001527

06/22/2021 11:49:26 AM - Line 3, OrderId 8086 Created/Updated Customer "COOK*", CO # 001528

06/22/2021 11:49:26 AM - Line 4, OrderId 8086 Created/Updated CO # 001528

06/22/2021 11:49:26 AM - Line 5, OrderId 8084 Created/Updated Customer "WILLIAMS*", CO # 001529

06/22/2021 11:49:27 AM - Line 6, OrderId 8083 Created/Updated CO # 001530

06/22/2021 11:49:28 AM - File C:\Program Files (x86)\Anthology\Websales\Chrislands.csv imported.

06/22/2021 11:49:29 AM - File C:\Program Files (x86)\Anthology\Websales\Chrislands.csv moved to C:\Program Files (x86)\Anthology\Websales\Imported\20210622114928_Chrislands.csv

06/22/2021 11:49:29 AM - Finished!