

COMTRADE-Archive Users Guide

Software Purpose

The COMTRADE-Archive software has three main operating modes, Copy, Move, and MoveWW. The operating mode is determined by the command line parameters passed to the application.

The Copy mode is used to copy all COMTRADE files whose filenames comply with the COMNAME standard from their original directory to a directory specified by the user, the application is designed to never copy the same file twice.

The Move mode is used to read a diagnostic file which contains a list of COMTRADE files and create a folder hierarchy under the directory the files are stored in. The folder hierarchy created will be based on the month and year each file was created. Files created in the same month and year will be placed into the same sub-directory. For example, files created in March 2020 will be moved into a sub-directory named "2020-03". When the application is completed archiving the files, the filenames in the diagnostic file will be updated to reflect their new location. The diagnostic file is required to have the date field as the third column and the filename field as the last column.

The MoveWW mode is used to read multiple diagnostic files which contain a list of COMTRADE records and move the records in the list to an output folder depending on values contained in the diagnostic files. Records that are moved will be removed from the diagnostic files.

Command Line Parameters

The software uses command line parameters to know which mode to operate in, and the requisite requirements for each mode. The parameters are listed below.

1. The operating mode (Copy, Move, or MoveWW)
2. If the operating mode is Copy this parameter is the current directory the COMTRADE files to be copied are stored. If the operating mode is Move this parameter is the name (including full path) of the diagnostic file. If the operating mode is MoveWW this parameter is the name of the directory the diagnostic files are stored in.
3. If the operating mode is Copy this parameter is the destination directory where all files will be copied to, if Move is selected this parameter is not used. If the operating mode is MoveWW this parameter is the destination directory where records will be moved to.

Examples of command line parameters are shown below. If a parameter contains a white space it must be placed in quotations.

- COMTRADEArchive.exe Copy "C:\Users\Current User" "C:\Destination Folder"
- COMTRADEArchive.exe Move "C:\Test\DiagnosticFile.dig"
- COMTRADEArchive.exe MoveWW "C:\Source" "C:\Destination"

Running the Software

To run the software, open the command line prompt and CD to the directory COMTRADEArchive.exe is stored in. Type the name of the application followed by the command line parameters the user would like to enter, example of this are shown on the next page.

Copy Example

```
cmd Command Prompt
Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Zach Makki>cd C:\Softstuf

C:\Softstuf>COMTRADEArchive.exe Copy "C:\Source Folder" "C:\Destination Folder" _
```

Move Example

```
cmd Command Prompt
Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Zach Makki>cd C:\Softstuf

C:\Softstuf>COMTRADEArchive.exe Move "C:\Softstuf\Test\DiagnosticFile.dig"
```

MoveWW Example

```
cmd Command Prompt
Microsoft Windows [Version 10.0.18362.1016]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Zach Makki>cd C:\Softstuf

C:\Softstuf>COMTRADEArchive.exe "C:\Source" "C:\Destination" _
```