

Kofax FraudOne

Variant Cleanup Utility

Version: 4.5.0

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KOFAX

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Preface

This document describes in detail the function and configuration of a Variant Cleanup utility. This utility checks all variants of a SignBase database whether they are too similar. This happens customer-wise. Variants that are too similar to another variant are deleted logically. When this utility has finished, no variant of a customer should be too similar to another variant of the same customer.

Related documentation

The full documentation set for Kofax FraudOne is available at the following location:

<https://docshield.kofax.com/Portal/Products/FO/4.5.0-th2k87ey6r/FO.htm>

In addition to this guide, the documentation set includes the following items:

Guides

- *Kofax FraudOne Administrator's Guide*
- *Kofax FraudOne Data Warehouse Installation and Operation Guide*
- *Kofax FraudOne Extended Reporting Features and Statistics*
- *Kofax FraudOne Feature Codes*
- *Kofax FraudOne Installation and Migration Guide*
- *Kofax FraudOne Java Client Customization Guide*
- *Kofax FraudOne Java Client Customization Layer*
- *Kofax FraudOne License Management*
- *Kofax FraudOne Report Component Installation Guide*
- *Kofax FraudOne SignCheck Result Codes*
- *Kofax FraudOne Standard Reporting Features and Statistics*
- *Kofax FraudOne The Book on CRS*
- *Kofax FraudOne Thin Client Customization Guide*
- *Kofax FraudOne Thin Client Customization Layer*

Interfaces

- *Kofax FraudOne Archive Interface Server*
- *Kofax FraudOne ASV Blackbox*
- *Kofax FraudOne Global Fraud Signature Web Service Developer's Guide*
- *Kofax FraudOne Common API Specifications for GIA Engines*
- *Kofax FraudOne Service Program Interfaces*
- *Kofax FraudOne User Login Procedure*
- *Kofax FraudOne Standard Teller Interface*

Online Help

- *Kofax FraudOne Administration Client Help*
- *Kofax FraudOne Java Client Help*
- *Kofax FraudOne Server Monitor Help*
- *Kofax FraudOne Thin Client Help*

Training

Kofax offers both classroom and computer-based training that will help you make the most of your Kofax FraudOne solution. Visit the Kofax website at www.kofax.com for complete details about the available training options and schedules.

Getting help with Kofax products

The [Kofax Knowledge Base](#) repository contains articles that are updated on a regular basis to keep you informed about Kofax products. We encourage you to use the Knowledge Base to obtain answers to your product questions.

To access the Kofax Knowledge Base, go to the [Kofax website](#) and select **Support** on the home page.

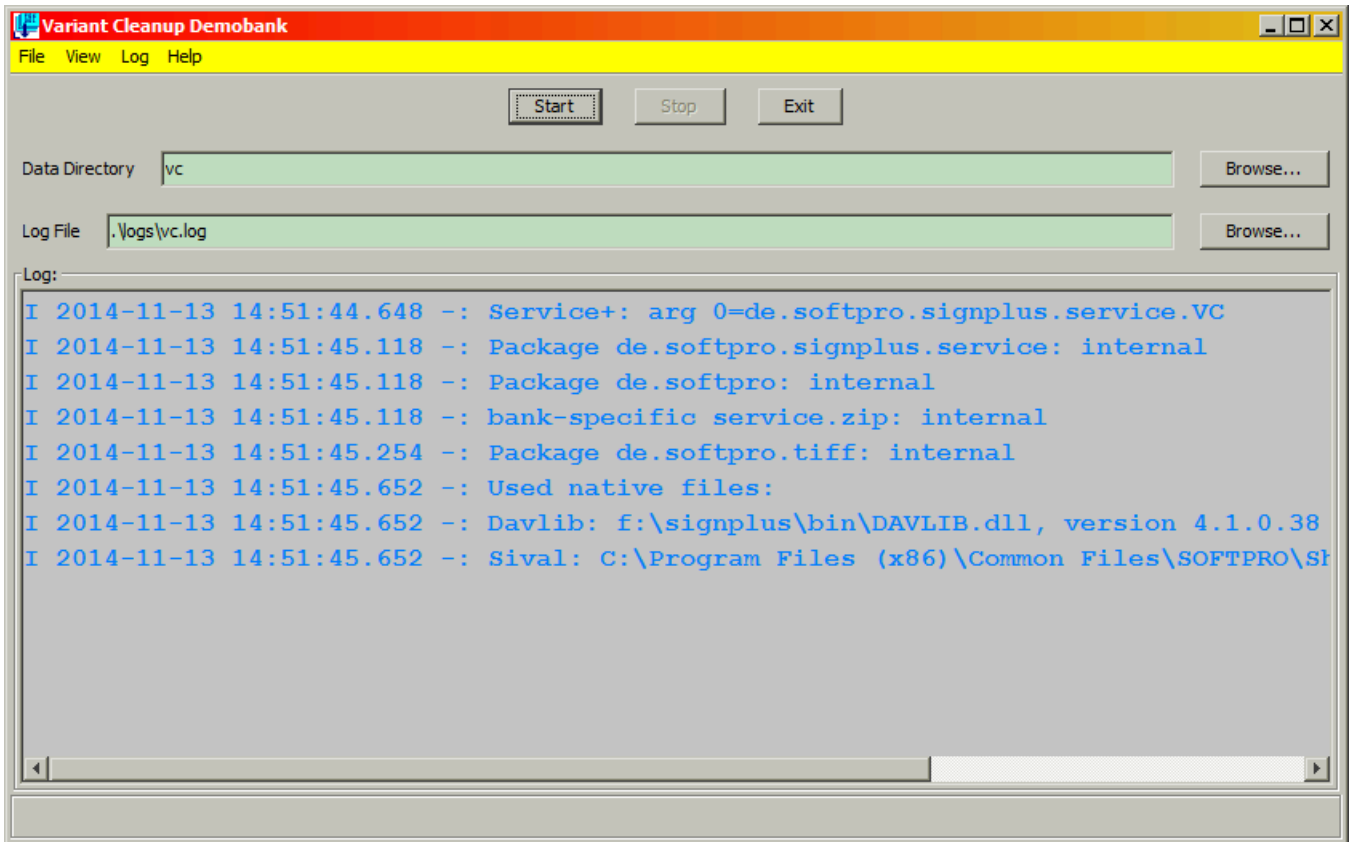
Note The Kofax Knowledge Base is optimized for use with Google Chrome, Mozilla Firefox or Microsoft Edge.

The Kofax Knowledge Base provides:

- Powerful search capabilities to help you quickly locate the information you need.
Type your search terms or phrase into the **Search** box, and then click the search icon.
- Product information, configuration details and documentation, including release news.
Scroll through the Kofax Knowledge Base home page to locate a product family. Then click a product family name to view a list of related articles. Please note that some product families require a valid Kofax Portal login to view related articles.
- Access to the Kofax Customer Portal (for eligible customers).
Click the **Customer Support** link at the top of the page, and then click **Log in to the Customer Portal**.
- Access to the Kofax Partner Portal (for eligible partners).
Click the **Partner Support** link at the top of the page, and then click **Log in to the Partner Portal**.
- Access to Kofax support commitments, lifecycle policies, electronic fulfillment details, and self-service tools.
Scroll to the **General Support** section, click **Support Details**, and then select the appropriate tab.

Chapter 1

Graphical user interface



Additional to the settings below the following settings can be changed on the GUI:

- Log File
- Data Directory, in this directory is written a list of all customers of the SignBase database, as a result of a database query. If this list already exists (default filename is "vclist.vc"), then the query is omitted. This is the format of the data file:

| SignBase database field name | Offset starting with 1 | Size CHAR | Description |
|------------------------------|------------------------|-----------|---------------------------------|
| BNO | 1 | 3 | Bank number |
| COUNTRYID | 4 | 3 | ISO Country, e.g. '840' for USA |
| BANKCODE | 7 | 11 | Bank code |

| SignBase database field name | Offset starting with 1 | Size CHAR | Description |
|------------------------------|------------------------|-----------|-----------------|
| CUSTOMERNO | 18 | 30 | Customer number |

To select directories per file dialog you can use the **Browse** button beside the input field.

The **Start** and **Stop** buttons control the batch process, who uses the settings above.

Chapter 2

Configuration settings

Settings in service.properties

These settings have to be specified in file VC.properties or in service.properties. The settings in service.properties have precedence over those in VC.properties.

| Key | Default | Description |
|-----------------------|-------------------------|--|
| VC.dataDir | <the current directory> | Directory of the data file |
| VC.logFile | <empty> | Name of the protocol file |
| VC.BNO | 999 | Let this utility work only for the specified BNO. An empty value or 999 means "all BNOs". |
| VC.minSignatures | 32 | The minimum count of signatures of a customer. If a customer has less signatures, then this customer will be ignored. |
| VC.updateDatabase | yes | If yes, similar variants are deleted logically, otherwise the found similar variants are only listed in the log, for testing purposes. |
| VC.referenceMatchRate | 80 | 2 signatures with a matchrate above this value are considered to be similar, possible values are between 0 and 100. |
| Database.URL | <no default> | The URL of the database |
| Database.catalog | <no default> | Catalog name of the database |
| Database.schema | DEB | Schema of the database |
| Database.propValue1 | signplus | Userid to log on to the database |
| Database.propValue2 | <no default> | Password to log on to the database |

Other settings in VC.properties

| Key | Default | Description |
|-------------------------|----------------------------------|---|
| errorSuffix | .err | Suffix for the error file. When the processing of the data file fails, the log is written to the file with the name of the data file and this extension. |
| renameSuffix | .old | Suffix for the renaming the data file. When specified, after processing the data file's dataSuffix is replaced by renameSuffix. |
| rejectSuffix | .rej | If rejectSuffix is not empty, then all records that could not be properly processed are written to a reject file. This file has the name of the data file and the extension „rejectSuffix“ |
| workSuffix | .wrk | Suffix for working files. The data file is locked by creating an empty working file in the same directory, with the same filename, but with the extension workSuffix. This allows more than one program to run on the same data directory without processing the same file twice. |
| startLabel | "Start" | Label of the start button |
| stopLabel | "Stop" | Label of the stop button |
| exitLabel | "Exit" | Label of the exit button |
| browseLabel | "Browse..." | Label of the browse buttons |
| dataLabel | "Data Directory" | Label of the input field for the data directory |
| logLabel | "Log File" | Label of the input field for the protocol file |
| title | classname of the Service Program | Title of the window |
| license | "(unlicensed)" | Label of the licensee |
| windowWidth | screenwidth / 2 | Width of the window in pixel |
| windowHeight | screenheight / 2 | Height of the window in pixel |
| bankSpecificReleaseText | "bank-specific Package: " | Label for the release-text |
| release | <empty> | release-text |

| Key | Default | Description |
|-----------------------|-----------------|--|
| logFont | Windows-setting | The font of the log Syntax: „name,style,size“ where name - the name of the font style - the style of the font: 0 – normal 1 – bold 2 – italic 3 – bold and italic size - the size of the font in pixels Example „Helvetica,0,16“ |
| logSelectedForeground | Windows-setting | Color of the selected text in the log Syntax: red,green,blue where each value is scalable from 0 (0%) to 255 (100%). |
| logSelectedBackground | Windows-setting | Color of the selected background in the log |
| logBackground | Windows-setting | Color of the background in the log |
| logMaximumLines | 10000 | The maximal number of lines in the log area. Is this number reached, then as many lines beginning from the top are removed that logMinimumLines lines remain. This setting has no influence on the log written to a file. The log in a file is always complete |
| logMinimumLines | 1000 | The minimal number of lines in the log area |
| logFile | <empty> | Name of the protocol file |
| startNow | no | If set to “yes”, the program starts immediately processing of the data files after being activated. Otherwise the user must click the start button to begin the processing of the data files. Note If startNow=yes, saveLog=yes and wait=0, then the program is finished after processing all files. |
| saveLog | no | Shall the log be written to the log file? (yes/no) |

| Key | Default | Description |
|--------------|----------------|--|
| traceLevel | 0 (no trace) | Trace Level. The Trace Level is the sum of the single levels (see Trace Levels), i.e. 9 is ERROR (1) and INFO (8): 1+8=9. |
| menuResource | | Name of the properties-file describing the menubar. |