WINDOWSPHONE BLUE

EtwDump User Guide

User Guide of EtwDump for Windows Phone Blue.

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# Notices

None.

# Introduction

EtwDump is a desktop tool which converts ETW files into text/csv/html formats.

EtwDump has the following contents:-

|  |  |
| --- | --- |
| Filename | Description |
| EtwDump.exe | Desktop binary |
| EtwDump\_UserGuide.docx | This user guide document |

# Installation Instruction

EtwDump is installed as part of Windows Phone CPTT installation.

# Update Instruction

EtwDump is updated as part of Windows Phone CPTT update.

# Uninstallation Instruction

EtwDump is uninstalled as part of Windows Phone CPTT uninstallation.

# Runtime Dependencies

EtwDump requires .NET 4.0 to be installed.

EtwDump uses manifests from Windows Phone Blue kit.

# Usage

## Help

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ETWDUMP <ETL path> -import <manifest path> -o <output filename>

[-of <TEXT|CSV|HTML|ALL>] [-y] [-missing] [-filter] [-utc]

<ETL path> : ETL files or folder to be decoded.

-import <manifest path>: Path to the manifest files.

Semicolon can be used for multiple paths.

-o <output filename> : Output filename.

Note that any given file extension is ignored.

-of [TEXT/CSV/HTML/ALL]: Output file format.

Optional, default is TEXT.

-y : Overwriting output files without confirmation.

Optional, default is prompt for overwrite.

-missing : Report missing provider GUIDs from manifests.

Optional, default is do not report.

-filter : Filter undecoded messages.

Optional, default is to list them with their provider GUID.

-utc : Convert timestamp to UTC time.

Optional, default is to assume timestamps are local.

Example:

ETWDUMP logs\w\*.etl\* -import D:\Manifests -o decoded -of text

: logs\w\*.etl\* files are decoded with D:\Manifests files, and

decoded.txt file is created as output.

ETWDUMP \*.etl -import D:\Manifests -o decoded.txt -of all

: \*.etl files in current folder are decoded with D:\Manifests files, and

decoded.txt/decoded.csv/decoded.htm files are created as output.

## Example of Execution

D:\EtwTest> **etwdump.exe \*.etl\* -import "C:\Program Files (x86)\Windows Phone Kits\8.1\Manifests";D:\MoreManifests -o Decoded.dat -of ALL -y -utc**

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Options:

Manifest Path = C:\Program Files (x86)\Windows Phone Kits\8.1\Manifests;D:\MoreManifests

ETL Path = \*.etl\*

Output Path = Decoded.dat

Output Format = ALL

Output Overwrite = yes

Report Missing = no

Filter Undecoded = no

UTC timestamps = yes

Creating temp folder ...

Copying all manifest files from C:\Program Files (x86)\Windows Phone Kits\8.1\Manifests to temp folder ...

Copying all manifest files from D:\MoreManifests to temp folder ...

Preprocessing manifest files ...

WARNING: Duplicated provider c72d385e-3a63-4e6d-8393-9399a36bd6e4

Microsoft-WindowsPhone-PhoneAudioSrv.mc

Microsoft-WindowsPhone-AudioRouting.mc

Parsing ETL files ...

Decoding WinPhoneCircular.etl ...

Decoding WinPhoneCritical.etl ...

Merging decoded results ...

Parsing WinPhoneCircular.xml ...

Parsing WinPhoneCritical.xml ...

Sorting decoded results ...

Writing final results in format TEXT ...

WARNING: Unknown provider {dd4ac270-4867-49a1-b6cc-fa2e39325865} encountered.

WARNING: Unknown provider {3e542731-dbcf-47b3-aed9-c2bee11a5497} encountered.

=> Decoded.txt has been created successfully.

Writing final results in format CSV ...

=> Decoded.csv has been created successfully.

Writing final results in format HTML ...

=> Decoded.htm has been created successfully.

Deleting temp folder ...

# Known Issues and Workarounds

None.