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NAME

atdf2_to_std4.pl - Converts an ATDF version 2 file to an STDF version 4 file

SYNTAX

```
perl atdf2_to_std4.pl [OPTIONS] ARGUMENTS
```

OPTIONS

```
-a, --about  
    Displays information about this program.
```

```
-d, --debug  
    Enables debug mode which outputs debug  
information to  
    standard output.
```

-h, --help

Displays help for this program.

-l, --log

information to

Enables log mode which outputs log

standard output.

ARGUMENTS

AtdfFileSpec

The input ATDF file specification.

StdFileSpec

The output STDF file specification.

RETURNS

errors

The program returns a value of unix true (0) if no

returned.

occur; otherwise, a value of unix false (1) is

STANDARD INPUT

Standard input is ignored.

STANDARD OUTPUT

(-l, --log)

There is no output to standard output unless the log

or debug (-d, --debug) options are specified.

STANDARD ERROR

If an error occurs then a message is output to standard error.

SYNOPSIS

```
perl atdf2_to_std4.pl -a  
perl atdf2_to_std4.pl --about
```

Displays information about the program.

```
perl atdf2_to_std4.pl -h  
perl atdf2_to_std4.pl --help
```

Displays the help for the program.

```
perl atdf2_to_std4.pl AtdfFileSpec Std4FileSpec
```

Converts the ATDF file specified by AtdfFileSpec to the STDF file specified by Std4FileSpec.

```
perl atdf2_to_std4.pl -l AtdfFileSpec Std4FileSpec  
perl atdf2_to_std4.pl --log AtdfFileSpec Std4FileSpec
```

Converts the ATDF file specified by AtdfFileSpec to the STDF file specified by Std4FileSpec and outputs log information to standard output.

```
perl atdf2_to_std4.pl -d AtdfFileSpec Std4FileSpec  
perl atdf2_to_std4.pl --debug AtdfFileSpec Std4FileSpec
```

Converts the ATDF file specified by AtdfFileSpec to the STDF file specified by Std4FileSpec and outputs debug information to standard output.

```
perl atdf2_to_std4.pl -l -d AtdfFileSpec Std4FileSpec  
perl atdf2_to_std4.pl --log --debug AtdfFileSpec Std4FileSpec
```

Converts the ATDF file specified by AtdfFileSpec to the STDF file specified by Std4FileSpec and outputs log and

debug
information to standard output.

NOTE: Use command line redirection to capture standard output to a file.

DESCRIPTION

This program converts an ATDF Version 2 file to an STDF Version 4 file.

ASCII (ATDF) TO BINARY (STDF) CONVERSION

This program implements the ASCII to BINARY conversion as defined in the Teradyne ATDF and STDF specifications. However, the operating system and the Perl that this program executes on determines the actual binary values.

SUPPORTED PLATFORMS

- Unix
 - Windows.
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REQUIRES

- Perl 5.6 or newer.
- Perl core module strict.
- Perl custom module TDF.pm.

SEE ALSO

- perl core and module documentation.
 - STDF Specification V4 published by Teradyne, Inc.
 - ATDF Specification V2 published by Teradyne, Inc.
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AUTHOR

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ACKNOWLEDGEMENT

The Standard Test Data Format (STDF) and ASCII Test Data Format (ATDF) specifications are the original works of Teradyne Inc.

KNOWN BUGS

- None.
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HISTORY

1.0.0 (200501011408) Michael Hackerott

- Created program.

1.0.1 (200402080725) Michael Hackerott

- Moved about () subroutine to TDF.pm module.

1.0.2 (200402131512) Michael Hackerott

- Changed ATDF read logic to improve performance.

1.0.3 (200512030625) Michael Hackerott

- Added BEGIN block to add lib and ../lib to @INC.

1.0.4 (200512030659) Michael Hackerott

- Updated documentation.
- Fixed dbugEnabled() logic.