ds33 HEX Rectifier
Console manual

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Introduction

ds33 HEX Rectifier

ds33 HEX merger is a utility that brings order in hex files produced by a Microchip tool suite.

Prerequisites and Requirements

.NET framework 2.0 or Mono framework.

Trademarks

All rights to copyrights, registered trademarks, and trademarks reside with their respective owners.

Usage

Requirements

ds33 HEX Rectifier console requires a .NET framework to run. For Windows there are two different frameworks available; .NET framework from Microsoft and Mono sponsored by Novell. For Linux and MAC OS X, only Mono is available. Mono is constantly being developed and bug fixed. It is recommended to use the latest version. Download links are available in appendix A.

Installation

The ds33 HEX Rectifier console does not require to be installed; it can be run directly from the bin director.

Starting

Windows

- Use run on the start menu, browse to ds33HexRectifierConsole.exe
- Run from command prompt: ds33HexRectifierConsole.exe

Linux

Run command: mono ds33HexRectifierConsole.exe

Usage syntax

The syntax is:

```
ds33HexRectifierConsole.exe options
```

Option values containing spaces need to be enclosed with quotation marks, the quotation marks should surround the entire argument like this "option=value".

Options summary

When unknown option or illegal option value is detected, the operation is aborted. Default values in capital.

Short option name	Long option name	Description
-h	--help	Displays help.
-l	--debugmode	Activates debug mode.
-i=	--in=file name/path	The input hex file name.
-o=	--out=file name/path	The output hex file name.
-d=	--device=deice name	The PIC/dsPIC for which the hex file is compiled.
-b=	--boot-flash/aux-flash= USED_WORDS/ all_words/ used_pages/ no	Include boot/aux flash data.

	--flash= USED_WORDS/ all_words/ pages/	
-f	no	Include main flash data.
-e	--eeprom=USED/all/no	Include EEPROM words.
-c	--configs	Include configuration words.

Return value

0 is returned after a successful rectification, else -1.

Examples

Windows
```
ds33HexRectifierConsole.exe
"-i=in.hex" "-o=out.hex" -d=dsPIC33FJ256GP710A --flash --configs
```

Linux / Mac OS X
```
mono ds33HexRectifierConsole.exe
"-i=in.hex" "-o=out.hex" -d=dsPIC33FJ256GP710A --flash --configs
```

Appendix A – Links

ds30 Loader website
http://www.ds30loader.com