NAME

inline-detox - clean up filenames (stream-based)

SYNOPSIS

inline-detox [**-f** *configfile*] [**-s** *sequence*] [**-v**]

inline-detox [**-f** *configfile*] [**-s** *sequence*] [**-v**] *file ...*

inline-detox [**-L**] [**-f** *configfile*] [**-v**]

inline-detox [**-h** | **--help**]

inline-detox [**-V**]

DESCRIPTION

The **inline-detox** utility generates new filenames to make them easier to work with under Unix and Unix-like operating systems. It replaces characters that make it hard to type out a filename with dashes and underscores. It also provides transliteration-based filters, converting ISO 8859-1 or UTF-8 to ASCII, in part or in whole. An additional filter unescapes CGI-escaped filenames.

inline-detox reads filename(s) from the input stream and writes the updated filename(s) to the output stream.

If a filename is passed on the command line, **inline-detox** reads this file and processes each line before writing it to the output stream.

Running **detox --inline** is identical to running **inline-detox**.

Sequences

inline-detox is driven by a configurable series of filters, called a sequence. Sequences are covered in more detail in detoxrc(5) and are discoverable with the **-L** option. The default sequence will run the *safe* and *wipeup* filters. Other examples of pre-configured sequences are *iso8859_1* and *utf_8*, which both provide transliteration to ASCII and then finish with the *safe* and *wipeup* filters.

Options

-f *configfile*   Use *configfile* instead of the default configuration files for loading translation sequences. No other config file will be parsed.

-h, **--help**   Display helpful information.

-L   List the currently available sequences. When paired with **-v** this option shows what filters are used in each sequence and any properties applied to the filters.

-s *sequence*   Use *sequence* instead of **default**.

-v   Be verbose about which files are being renamed.

-V   Show the current version of **inline-detox**.

FILES

/etc/detoxrc   The system-wide detoxrc file.

~/.detoxrc   A user's personal detoxrc. Normally it extends the system-wide *detoxrc*, unless **-f** has
                 been specified, in which case, it is ignored.

/usr/share/detox/cp1252.tbl
                 The provided CP-1252 transliteration table.

/usr/share/detox/iso8859_1.tbl
                 The provided ISO 8859-1 transliteration table.

/usr/share/detox/safe.tbl
                 The provided safe character translation table.

/usr/share/detox/unicode.tbl
                 The provided Unicode transliteration table, used by the UTF-8 filter.

/usr/share/detox/unidecode.tbl
                 An additional Unicode tranlsiteration table, based on Text::Unidecode(3pm).

EXAMPLES

echo Foo Bar | **inline-detox -s** *lower* **-v**
                 Will run the sequence *lower*, listing any changes and returning the result to the output
                 stream.

SEE ALSO

detox(1), Text::Unidecode(3pm), detox.tbl(5), detoxrc(5), ascii(7), iso_8859-1(7), unicode(7), utf-8(7)

HISTORY

inline-detox was originally designed to clean up files that I had received from friends which had been
created using other operating systems. It's trivial to create a filename with spaces, parenthesis, brackets,
and ampersands under some operating systems. These have special meaning within FreeBSD and
Linux, and cause problems when you go to access them. I created **inline-detox** to clean up these files.

Version 2.0 stepped back from transliteration out of the box, instead focusing on ease of use. The

primary motivations for this were user-provided feedback, and the fact that many modern Unix-like OSs use UTF-8 as their primary character set. Transliterating from UTF-8 to ASCII in this scenario is lossy and pointless.

AUTHORS
    inline-detox was written by Doug Harple.