

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 stdin and writes the updated filename(s) to stdout.

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

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/safe.tbl`
The default safe character translation table.

```
/usr/share/detox/iso8859_1.tbl
```

The default ISO 8859-1 transliteration table.

```
/usr/share/detox/unicode.tbl
```

The default Unicode transliteration table, used by the UTF-8 filter.

EXAMPLES

```
echo Foo Bar | inline-detox -s iso8859_1 -v
```

Will run the sequence *iso8859_1* listing any changes and returning the result to STDOUT.

SEE ALSO

`detox(1)`, `detoxrc(5)`, `detox.tbl(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.