

## 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.

### 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 safe -v
```

Will run the sequence *safe*, listing any changes and returning the result to the output stream.

## 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.