

## 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 lower -v`  
Will run the sequence *lower*, listing any changes and returning the result to the output stream.

## SEE ALSO

`detox(1)`, `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.