

**NAME**

wordif – compares plain-text-files word-by-word, and stores color-marked results in HTML-format.

**SYNOPSIS**

```
wordif [options] file1 file2
wordif -d[options] directory1 directory2
```

**DESCRIPTION**

wordif is a wrapper script around the diff(1) utility, that compares two plain-text-files word-by-word in very much the same way as wdiff(1). The resulting HTML 'difference-file(s)' is/are either:

- stored as a disk file (default), or
- send to stdout (with option **-o**), or
- converted to PDF-format and stored to disk (with option **-p**)

A difference-file is a unification of the two input text-files, preserving original text sequence. Text present in both files is black. (Groups of) words locally missing in one of the two files are color-tagged as follows:

- deleted text – i.e.: present in *file1*, and not present (there) in *file2* – is bolt red (default), or of any desired color (per option **-c**);
- inserted text – i.e.: present in *file2* and not present (there) in *file1* – is bolt green (default), or of any desired color (per option **-C**);

With option **-d**, wordif acts on two directories instead of two text-files. It then compares each text-file in *directory2* to its equivalent in *directory1*. To correctly associate each pair of files shared by both directories, their file names must start with same unique number, followed by an underscore.

The resulting difference-files are collected in a directory named `diff/`, which is either newly created – on the same level as both given directories – or re-used, if already present there.

The name of the difference-file is structured as: DATE\_TIME'\_diff\_'NUMBER'.EXT  
with:

**DATE\_TIME**

timestamp generated by the system's response to the command: `date +"%Y%m%d_%H%M"`

**NUMBER**

the unique number per related input file pair (in case of option **-d**) or an empty string (otherwise)

**EXT** the appropriate file-extension: html or pdf

**OPTIONS**

wordif takes the following options:

**-h** Help, showing usage and options listing.

**-c RGBHEX**

Specify 'deleted-text' color by 6-digit hexadecimal rgb-value (default: ff0000 [red]).

**-C RGBHEX**

Specify 'inserted-text' color by 6-digit hexadecimal rgb-value (default: 00ff00 [green]).

**-d** Specify two directories as arguments instead of two text-files. Compare each file in *directory2* to the equally unique-numbered file in *directory1*.

**-f FONT**

Set general character font family as a replacement for 'Courier New'. Allowed values for *FONT* are:

**H** Helvetica

**h** Helvetica Narrow

- c** Courier
  - n** New Century Schoolbook
  - p** Palatino
  - T** Times New Roman
  - t** Times
- o** Send HTML-text to stdout rather than to file.
  - p** Output as PDF- instead of HTML-files; this option overrides option **-o**
  - z SIZE** Set general character size as a replacement for 12 pts. Also accepts values with decimal point.

## COMPATIBILITY

The program 'wkhtmltopdf(1)' must be installed on the system if output to PDF per option **-p** is desired.

## AUTHOR

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## REPORTING BUGS

Please report any bugs to the author by e-mail or via <https://github.com/jazzfan2/wordif/issues>