

docpack - (un)compress files in an HTML orbit

## SYNOPSIS

```
docpack [-hH] [[-s startfile] [-buoz] dir]
```

## DESCRIPTION

If called with the `-h` option or with no arguments `docpack` pipes this manpage to an auto-detected pager (`'less'` or if that isn't found it will use `'more'`). The `-H` option prints this manpage without piping through a pager. Otherwise, `docpack` determines the HTML orbit reached by a web browser starting at `startfile` in directory `dir`. The argument `dir` is essential. By default, `startfile` is `'index.html'`; this is overridden with the `-s` option. An HTML orbit is defined to consist of any HTML file (i.e. file with `.html` or `.htm` extension) or `.dvi`, `.ps` or `.pdf` file, (or compressed file which may be uncompressed by `gunzip` to have the aforementioned extensions) lying within directory `dir`, that may be reached by a web browser starting at `startfile` in `dir`. By default, all files except `startfile` are compressed with `gzip` (and so end up with a `'.gz'` extension). Prior to compression, all links and textual references inside anchor tags in the HTML files of the HTML orbit are modified to have `'.gz'` extensions. With the `-z` option, the `startfile` is also compressed. With the `-u` option, all files in the HTML orbit are uncompressed; under this option, the `-z` option is meaningless and is ignored. Prior to editing, each HTML file in the HTML orbit is backed up (uncompressed) with a `'.bak'` extension, to protect against a system crash. After editing, each backup is deleted unless the `-b` option is selected. If a user chooses the `-b` option (presumably so that the action of `docpack` may be checked with a web browser) the user is interrogated as to whether to delete or restore the backup files at the completion of all file modifications. Output is logged in the file formed by taking the tail of `dir` and appending the extension `'.dlg'`.

One may apply `docpack` to an HTML orbit that is already partially compressed. This means that after having applied `docpack`, some additional files can be linked into the HTML orbit and `docpack` can be reapplied. `Docpack` also notifies about bad links i.e. links to HTML orbit files that don't exist.

## OPTIONS

- `-h`, (or no args) Print this man page, by piping to `less`.
- `-H` Print this man page, but do not pipe to `less`.
- `-v` Print version number and exit.
- `-s startfile` Assume starting file `startfile`. By default, `startfile` is: `'index.html'`.
- `-b` Keep backup files until after modification of HTML orbit files is complete.
- `-o` Find HTML orbit only and exit.
- `-z` Compress `startfile` as well. By default, `startfile` is the only file in the HTML orbit that is left uncompressed. It is meaningless

to use this option with the -u option, below.

-u Uncompress all files in HTML orbit. By default, all files, except startfile, in HTML orbit are compressed with gzip.

#### CHANGES

Version 1.03: 1998/11/2: Fixed bug that allowed the file-name of a link to contain a '#'.

Version 1.02: 1998/10/26: Added -v option (to give version number). Fixed bug that erroneously detected paths starting with 'ftp://' as bad links.

Version 1.01: 1998/10/21: We now log each file as it is read for links. In particular, this helps to identify which file is responsible for bad links when they occur. Added auto-detection of the pager. No pager is used if neither 'less' nor 'more' is found.

Version 1.0: 1998/10/20: First release.

#### BUGS

Docpack is only known to work properly with Perl 5.004\_04. It may also work with Perl 5.003, but is known to be broken for earlier versions of Perl. The only pagers auto-detected are 'less' and 'more'. The startfile is assumed to be initially uncompressed when restoring files. To be certain of exact restoration backup the directory before using docpack. Currently, links ending in '/' are not resolved. Almost certainly there are more bugs ... let's hope none is catastrophic.

#### AUTHOR

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