shrink-path

A plugin to shrink directory paths for brevity and pretty-printing.

To use it, add `shrink-path` to the plugins array in your zshrc file:

```
plugins=(... shrink-path)
```

Examples

For this directory tree:

```
/home/
  me/
    f o o/      # The prefix f is ambiguous between "f o o" and "f i g".
      bar/
        quux/
      biz/      # The prefix b is ambiguous between bar and biz.
    f i g/
      baz/
```

here are the results of calling `shrink_path <option> /home/me/foo/bar/quux`:

```
Option          Result
<none>          /h/m/f o/ba/q
-l|--last       /h/m/f o/ba/q
-s|--short      /h/m/f/b/q
-t|--tilde      ~/f o/ba/q
-f|--fish       ~/f/b/quux
-g|--glob       /h*/m*/f o*/ba*/q*
-3              /hom/me/f o/bar/quu
-e '$' -3       /hom$/me/f o$/bar/quu$
-q              /h/m/f\ o/ba/q
-g -q           /h*/m*/f\ o*/ba*/q*
-x              /home/me/foo/bar/quux
```

Usage

For a fish-style working directory in your command prompt, add the following
to your theme or zshrc:

```
setopt prompt_subst
PS1='%n@%m $(shrink_path -f)>'
```

The following options are available:

```
    -f, --fish      fish simulation, equivalent to -l -s -t.
    -g, --glob      Add asterisk to allow globbing of shrunk path (equivalent to -e "*")
    -l, --last      Print the last directory's full name.
    -s, --short     Truncate directory names to the number of characters given by -. Withou
```

```
                    -s, names are truncated without making them ambiguous.
    -t, --tilde      Substitute ~ for the home directory.
    -T, --nameddirs  Substitute named directories as well.
    -#               Truncate each directly to at least this many characters inclusive of th
                     ellipsis character(s) (defaulting to 1).
    -e SYMBOL        Postfix symbol(s) to indicate that a directory name had been truncated.
    -q, --quote      Quote special characters in the shrunk path
    -x, --expand     Print the full path. This takes precedence over the other options
```

The long options can also be set via zstyle, like

```
zstyle :prompt:shrink_path fish yes
```

Note: Directory names containing two or more consecutive spaces are not yet supported.

Trick: toggle shrinking with a keyboard shortcut

You can use the `expand` option to disable the path shrinking. You can combine that with a key binding widget to toggle path shrinking on and off.

```
# Toggle off path shrinking
zstyle ':prompt:shrink_path' expand true
# Toggle on path shrinking
zstyle -d ':prompt:shrink_path' expand
```

Combined with a widget:

```
# Widget definition
shrink-path-toggle() {
  zstyle -t ':prompt:shrink_path' expand \
    && zstyle -d ':prompt:shrink_path' expand \
    || zstyle ':prompt:shrink_path' expand true
  zle reset-prompt
}
zle -N shrink-path-toggle
# Key binding to ALT+SHIFT+S
bindkey "^[S" shrink-path-toggle
```

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Ref: https://www.zsh.org/mla/workers/2009/msg00415.html https://www.zsh.org/mla/workers/2009/msg00419

Misc

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