

adz_lib (v1)



Overview

adz_lib contains functions for reading adz (e.g., from the file system) and for displaying them to the user (e.g., to a terminal).

Specifications

Constants

adz_lib must contain the following “constants”.

```
#define ADZ_LENGTH 40
```

Variables

adz_lib must contain the following variables with *file scope*.

```
char adz_current_text[ADZ_LENGTH];
```

Functions

adz_lib must contain the following functions with *external linkage*.

```
/**
 * Display the text of the advertisement in adz_current_text
 * preceded by a blank line and followed by a blank line
 * (for readability). This function does not display anything else.
 *
 * @param fdout The file descriptor for the output
 */
void
display_adz(int fdout)

/**
 * Display all of the advertisements in an adz file [by iteratively
 * calling display_adz()]. The text of each advertisement is
 * displayed for the associated duration in the line of the adz file.
 * This function does not display anything else.
 *
 * @param id The single-character ID of the adz file
 * @param fdout The file descriptor for the output
 * @return The number of advertisements that were displayed
 */
long
start_adz(char id, int fdout)
```