

Description

`base64encode(s)` encodes string *s* into Base64 format.

`base64decode(s)` decodes the string obtained from `base64encode()` and returns the original string; that is, `base64decode(s)` decodes Base64-encoded string *s*.

`base64encodefile(srcfile, destfile [, basedir])` encodes the text in file *srcfile* into Base64 format and saves the results in file *destfile*. If *srcfile* or *destfile* is a relative path, then *basedir* is used to resolve the relative path. If *basedir* is not specified, the current working directory is used. `base64encodefile()` returns 0 if successful and returns an error or -1 otherwise.

`base64decodefile(srcfile, destfile [, basedir])` decodes Base64-encoded text in file *srcfile* and saves the results in file *destfile*. If *srcfile* or *destfile* is a relative path, then *basedir* is used to resolve the relative path. If *basedir* is not specified, the current working directory is used. `base64decodefile()` returns 0 if successful and returns an error or -1 otherwise.

Syntax

```
string scalar base64encode(string scalar s)
string scalar base64decode(string scalar s)
real scalar base64encodefile(string scalar srcfile, string scalar destfile
    [ , string scalar basedir ])
real scalar base64decodefile(string scalar srcfile, string scalar destfile
    [ , string scalar basedir ])
```

Conformability

`base64encode(s), base64decode(s):`

s: 1×1
result: 1×1

`base64encodefile(srcfile, destfile [, basedir]),`

`base64decodefile(srcfile, destfile [, basedir]):`

srcfile: 1×1
destfile: 1×1
basedir: 1×1
result: 1×1

Diagnostics

None.

Also see

[M-4] **String** — String manipulation functions

Stata, Stata Press, and Mata are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. StataNow and NetCourseNow are trademarks of StataCorp LLC. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2025 StataCorp LLC, College Station, TX, USA. All rights reserved.

For suggested citations, see the FAQ on [citing Stata documentation](#).

