

Package ioutil

go1.15.2 Latest

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Overview

Package ioutil implements some I/O utility functions.

Variables

```
var Discard io.Writer = devNull(0)
```

Discard is an io.Writer on which all Write calls succeed without doing anything.

func NopCloser

```
func NopCloser(r io.Reader) io.ReadCloser
```

NopCloser returns a ReadCloser with a no-op Close method wrapping the provided Reader r.

func ReadAll

```
func ReadAll(r io.Reader) ([]byte, error)
```

ReadAll reads from r until an error or EOF and returns the data it read. A successful call returns err == nil, not err == EOF. Because ReadAll is defined to read from src until EOF, it does not treat an EOF from Read as an error to be reported.

func ReadDir

```
func ReadDir(dirname string) ([]os.FileInfo, error)
```

ReadDir reads the directory named by dirname and returns a list of directory entries sorted by filename.

func ReadFile

```
func ReadFile(filename string) ([]byte, error)
```

ReadFile reads the file named by filename and returns the contents. A successful call returns err == nil, not err == EOF. Because ReadFile reads the whole file, it does not treat an EOF from Read as an error to be reported.

func TempDir

```
func TempDir(dir, pattern string) (name string, err error)
```

TempDir creates a new temporary directory in the directory dir. The directory name is generated by taking pattern and applying a random string to the end. If pattern includes a "*", the random string replaces the last "*". TempDir returns the name of the new directory. If dir is the empty string, TempDir uses the default directory for temporary files (see os.TempDir). Multiple programs calling TempDir simultaneously will not choose the same directory. It is the caller's responsibility to remove the directory when no longer needed.

func TempFile

```
func TempFile(dir, pattern string) (f *os.File, err error)
```

TempFile creates a new temporary file in the directory dir, opens the file for reading and writing, and returns the resulting *os.File. The filename is generated by taking pattern and adding a random string to the end. If pattern includes a "*", the random string replaces the last "*". If dir is the empty string, TempFile uses the default directory for temporary files (see os.TempDir). Multiple programs calling TempFile simultaneously will not choose the same file. The caller can use f.Name() to find the pathname of the file. It is the caller's responsibility to remove the file when no longer needed.

func WriteFile

```
func WriteFile(filename string, data []byte, perm os.FileMode) error
```

WriteFile writes data to a file named by filename. If the file does not exist, WriteFile creates it with permissions perm (before umask); otherwise WriteFile truncates it before writing, without changing permissions.