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jpeg





package

standard library

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Overview

Package jpeg implements a JPEG image decoder and encoder.

JPEG is defined in ITU-T T.81: <https://www.w3.org/Graphics/JPEG/itu-t81.pdf>.

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Constants

```
func Decode(r io.Reader) (image.Image, error)
func DecodeConfig(r io.Reader) (image.Config, error)
func Encode(w io.Writer, m image.Image, o *Options) error
type FormatError
    func (e FormatError) Error() string
type Options
type Reader DEPRECATED
type UnsupportedError
    func (e UnsupportedError) Error() string
```

Constants

[View Source](#)

```
const DefaultQuality = 75
```

DefaultQuality is the default quality encoding parameter.

Variables

This section is empty.

Functions

func Decode

```
func Decode(r io.Reader) (image.Image, error)
```

Decode reads a JPEG image from `r` and returns it as an `image.Image`.

func DecodeConfig

```
func DecodeConfig(r io.Reader) (image.Config, error)
```

DecodeConfig returns the color model and dimensions of a JPEG image without decoding the entire image.

func Encode

```
func Encode(w io.Writer, m image.Image, o *Options) error
```

Encode writes the Image `m` to `w` in JPEG 4:2:0 baseline format with the given options. Default parameters are used if a nil `*Options` is passed.

Types

type FormatError

```
type FormatError string
```

A `FormatError` reports that the input is not a valid JPEG.

func (FormatError) Error

```
func (e FormatError) Error() string
```

type Options

```
type Options struct {  
    Quality int  
}
```

Options are the encoding parameters. Quality ranges from 1 to 100 inclusive, higher is better.

type Reader DEPRECATED [Show](#)

type **UnsupportedError**

```
type UnsupportedError string
```

An `UnsupportedError` reports that the input uses a valid but unimplemented JPEG feature.

func (UnsupportedError) **Error**

```
func (e UnsupportedError) Error() string
```



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