

cl-rfc2047 API Documentation

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1 cl-rfc2047

Implementation of the Email header encoding defined in *RFC 2047* (<http://tools.ietf.org/html/rfc2047>).

1.1 decode (Function)

Syntax:

— Function: **decode** *string* &key *start end*

Arguments and Values:

string—a *string*.

start, end—*bounding index designators* of *string*. The default for *start* is 0 and the default for *end* is nil.

Description:

decode returns the decoded word in *string*.

Exceptional Situations:

If decode fails an *error condition* is signaled.

1.2 decode* (Function)

Syntax:

— Function: **decode*** *string* &key *start end errorp*

Arguments and Values:

string—a *string*.

start, end—*bounding index designators* of *string*. The default for *start* is 0 and the default for *end* is nil.

error-p—a *generalized boolean*. The default is *true*.

Description:

`decode*` returns a decoded copy of *string* containing encoded as well as unencoded words.

Exceptional Situations:

If `decode*` fails and *error-p* is *true* an *error condition* is signaled.

1.3 encode (Function)

Syntax:

— Function: **encode** *string* &key *encoding charset*

Arguments and Values:

string—a *string*.

encoding—a *keyword*. Can either be `:b` or `:q`. The default is `:b`.

charset—a *keyword* denoting the character encoding used. The default is `:utf-8`.

Description:

`encode` returns an encoded copy of *string*. Words will be encoded using *encoding* and *charset*. If *encoding* is `:b` then the "B" encoding is used. If *encoding* is `:q` then the "Q" encoding is used.

1.4 `should-encode-p` (Function)

Syntax:

— Function: `should-encode-p` *string*

Arguments and Values:

string—a *string*.

Description:

`should-encode-p` returns *true* if *string* contains characters that need to be encoded, otherwise, returns *false*.