# cl-qprint API Documentation

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# 1 cl-qprint

Encode and decode quoted-printable encoded strings as defined by *RFC 2045* (`http://tools.ietf.org/html/rfc2045`).

## 1.1 decode (Function)

**Syntax:**

— Function: **decode** *input* `&key` *error-p*

**Arguments and Values:**

*input*—a *string* or a *character stream*.

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

**Description**:

`decode` reads from *quoted-printable* encoded *input* and returns a decoded *vector* with (`unsigned-byte 8`) as its *element type*.

**Exceptional Situations:**

If *error-p* is *true*, an error of *type* `decode-error` signaled when *input* is malformed.

## 1.2 decode-error (Condition Type)

**Class Precedence List:**

`decode-error`, `error`, `serious-condition`, `condition`, `standard-object`, `t`

The *type* `decode-error` consists of error conditions related to malformed encodings.

## 1.3 encode (Function)

**Syntax:**

— Function: **encode** *input* `&key` *columns*

**Arguments and Values:**

*input*—a *vector* or a *stream* with element type (`unsigned-byte 8`).

*columns*—a positive *integer*.

**Description**:

`encode` reads from *input* and returns a *quoted-printable* encoded *string*. *Columns* denotes the maximum line length of *string*.