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19.15. `quopri` — Encode and decode MIME quoted-printable data¶

This module performs quoted-printable transport encoding and decoding, as defined in [RFC 1521](#): “MIME (Multipurpose Internet Mail Extensions) Part One: Mechanisms for Specifying and Describing the Format of Internet Message Bodies”. The quoted-printable encoding is designed for data where there are relatively few nonprintable characters; the base64 encoding scheme available via the [base64](#) module is more compact if there are many such characters, as when sending a graphics file.

`quopri.decode(input, output[, header])`¶

Decode the contents of the *input* file and write the resulting decoded binary data to the *output* file. *input* and *output* must either be file objects or objects that mimic the file object interface. *input* will be read until `input.readline()` returns an empty string. If the optional argument *header* is present and true, underscore will be decoded as space. This is used to decode “Q”-encoded headers as described in [RFC 1522](#): “MIME (Multipurpose Internet Mail Extensions) Part Two: Message Header Extensions for Non-ASCII Text”.

`quopri.encode(input, output, quotetabs)`¶

Encode the contents of the *input* file and write the resulting quoted-printable data to the *output* file. *input* and *output* must either be file objects or objects that mimic the file object interface. *input* will be read until `input.readline()` returns an empty string. *quotetabs* is a flag which controls whether to encode embedded spaces and tabs; when true it encodes such embedded whitespace, and when false it leaves them unencoded. Note that spaces and tabs appearing at the end of lines are always encoded, as per [RFC 1521](#).

`quopri.decodestring(s[, header])`¶

Like `decode()`, except that it accepts a source string and returns the corresponding decoded string.

`quopri.encodestring(s[, quotetabs])`¶

Like `encode()`, except that it accepts a source string and returns the corresponding encoded string. *quotetabs* is optional (defaulting to 0), and is passed straight through to `encode()`.

See also

Module [mimify](#)

General utilities for processing of MIME messages.

Module [base64](#)

Encode and decode MIME base64 data

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[19.14. `binascii` — Convert between binary and ASCII](#)

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[19.16. `uu` — Encode and decode uuencode files](#)

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