19.9. quopri — Encode and decode MIME quoted-printable data

Source code: Lib/quopri.py

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=False*)

Decode the contents of the *input* file and write the resulting decoded binary data to the *output* file. *input* and *output* must be binary file objects. 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*, *header=False*)

Encode the contents of the *input* file and write the resulting quoted-printable data to the *output* file. *input* and *output* must be binary file objects. *quotetabs*, a non-optional 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**. *header* is a flag which controls if spaces are encoded as underscores as per **RFC 1522**.

`quopri.`**`decodestring`**(*s*, *header=False*)

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

`quopri.`**`encodestring`**(*s*, *quotetabs=False*, *header=False*)

Like `encode()`, except that it accepts a source `bytes` and returns the corresponding encoded `bytes`. By default, it sends a `False` value to *quotetabs* parameter of the `encode()` function.

See also:

Module `base64`

Encode and decode MIME base64 data