

# :mod:`quopri` --- Encode and decode MIME quoted-printable data

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 1); [backlink](#)

Unknown interpreted text role "mod".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 4)

Unknown directive type "module".

```
.. module:: quopri
   :synopsis: Encode and decode files using the MIME quoted-printable encoding.
```

Source code: :source:`Lib/quopri.py`

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 7); [backlink](#)

Unknown interpreted text role "source".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 9)

Unknown directive type "index".

```
.. index::
   pair: quoted-printable; encoding
   single: MIME; quoted-printable encoding
```

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 :mod:`base64` module is more compact if there are many such characters, as when sending a graphics file.

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 15); [backlink](#)

Unknown interpreted text role "mod".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 23)

Unknown directive type "function".

```
.. function:: 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 :term:`binary file objects
   <file object>`. 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".
```

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 33)

Unknown directive type "function".

```
.. function:: 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 :term:`binary file objects <file object>`. *\*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`.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 46)**

Unknown directive type "function".

```
.. function:: decodestring(s, header=False)
```

Like :func:`decode`, except that it accepts a source :class:`bytes` and returns the corresponding decoded :class:`bytes`.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 52)**

Unknown directive type "function".

```
.. function:: encodestring(s, quotetabs=False, header=False)
```

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

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]quopri.rst, line 60)**

Unknown directive type "seealso".

```
.. seealso::
```

```
Module :mod:`base64`  
    Encode and decode MIME base64 data
```