:mod:`mailcap` --- Mailcap file handling

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

Mailcap files are used to configure how MIME-aware applications such as mail readers and web browsers react to files with different MIME types. (The name "mailcap" is derived from the phrase "mail capability".) For example, a mailcap file might contain a line like `video/mpeg; xmpeg %s`. Then, if the user encounters an email message or web document with the MIME type :mimetype:`video/mpeg`, `%s` will be replaced by a filename (usually one belonging to a temporary file) and the :program:`xmpeg` program can be automatically started to view the file.

The mailcap format is documented in RFC 1524, "A User Agent Configuration Mechanism For Multimedia Mail Format Information", but is not an internet standard. However, mailcap files are supported on most Unix systems.

```
contain  named parameters like ``%{foo}``, which will be replaced by the value
of the parameter named 'foo'.  For example, if the command line ``showpartial
%{id} %{number} %{total}`` was in a mailcap file, and *plist* was set to
``['id=1', 'number=2', 'total=3']``, the resulting command line would be
``'showpartial 1 2 3'``.

In a mailcap file, the "test" field can optionally be specified to test some
external condition (such as the machine architecture, or the window system in
use) to determine whether or not the mailcap line applies.  :func:`findmatch`
will automatically check such conditions and skip the entry if the check fails.
```

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.. function:: getcaps()

   Returns a dictionary mapping MIME types to a list of mailcap file entries. This
   dictionary must be passed to the :func:`findmatch` function.  An entry is stored
   as a list of dictionaries, but it shouldn't be necessary to know the details of
   this representation.

   The information is derived from all of the mailcap files found on the system.
   Settings in the user's mailcap file :file:`$HOME/.mailcap` will override
   settings in the system mailcap files :file:`/etc/mailcap`,
   :file:`/usr/etc/mailcap`, and :file:`/usr/local/etc/mailcap`.
```

An example usage:

```
>>> import mailcap
>>> d = mailcap.getcaps()
>>> mailcap.findmatch(d, 'video/mpeg', filename='tmp1223')
('xmpeg tmp1223', {'view': 'xmpeg %s'})
```