

ftputil  
An FTP client library for Python

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# What is ftputil?

- FTP client library (**not** an application)
- Avoids to expose the file transfer **protocol**  
(unlike the `ftplib` module in Python's standard library)
- Virtual filesystem for FTP
- Provides many convenience methods
- Open Source (revised BSD license)

## Differences from Python's `ftplib`

- The API of `ftputil` is similar to those of the `os`, `os.path` and `shutil` modules
- Convenience methods `download`, `download_if_newer`, `upload` and `upload_if_newer` (and others)
- Files on FTP servers can be accessed as file-like objects
- Files on the server can be “stat’ed”
- Support for time shift between a client and a server in different timezones

## Examples

```
import ftputil
host = ftputil.FTPHost('ftp.domain.com',
                       'user', 'password')

# download some files from the login directory
for name in host.listdir(host.curdir):
    if host.path.isfile(name):
        # remote name, local name, binary mode
        host.download(name, name, 'b')

# write a remote file into a new directory
host.mkdir("newdir")
dest = host.file("newdir/index.html", 'w')
dest.write("New text\n")
dest.close()
```

# Where to find it

- Homepage

<http://ftputil.sschwarzer.net>

(documentation, download, bug tracker, ...)

- Mailing list (hosted by Codespeak, thanks!)

<http://codespeak.net/mailman/listinfo/ftputil>