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11.11. dircache — Cached directory listings¶

Deprecated since version 2.6: The `dircache` module has been removed in Python 3.0.

The `dircache` module defines a function for reading directory listing using a cache, and cache invalidation using the `mtime` of the directory. Additionally, it defines a function to annotate directories by appending a slash.

The `dircache` module defines the following functions:

`dircache.reset()`¶

Resets the directory cache.

`dircache.listdir(path)`¶

Return a directory listing of `path`, as gotten from `os.listdir()`. Note that unless `path` changes, further call to `.listdir()` will not re-read the directory structure.

Note that the list returned should be regarded as read-only. (Perhaps a future version should change it to return a tuple?)

`dircache.opendir(path)`¶

Same as `.listdir()`. Defined for backwards compatibility.

`dircache.annotate(head, list)`¶

Assume `list` is a list of paths relative to `head`, and append, in place, a `'/'` to each path which points to a directory.

```
>>> import dircache
>>> a = dircache.listdir('/')
>>> a = a[:] # Copy the return value so we can change 'a'
>>> a
['bin', 'boot', 'cdrom', 'dev', 'etc', 'floppy', 'home', 'initrd', 'lib', 'lost+
found', 'mnt', 'proc', 'root', 'sbin', 'tmp', 'usr', 'var', 'vmlinuz']
>>> dircache.annotate('/', a)
>>> a
['bin/', 'boot/', 'cdrom/', 'dev/', 'etc/', 'floppy/', 'home/', 'initrd/', 'lib/
', 'lost+found/', 'mnt/', 'proc/', 'root/', 'sbin/', 'tmp/', 'usr/', 'var/', 'vm
linuz']
```

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Last updated on Feb 26, 2010. Created using [Sphinx](#) 0.6.3.