

NAME

Net::Netrc - OO interface to users netrc file

SYNOPSIS

```
use Net::Netrc;

$mach = Net::Netrc->lookup('some.machine');
$login = $mach->login;
($login, $password, $account) = $mach->lpa;
```

DESCRIPTION

`Net::Netrc` is a class implementing a simple interface to the `.netrc` file used as by the `ftp` program.

`Net::Netrc` also implements security checks just like the `ftp` program, these checks are, first that the `.netrc` file must be owned by the user and second the ownership permissions should be such that only the owner has read and write access. If these conditions are not met then a warning is output and the `.netrc` file is not read.

THE .netrc FILE

The `.netrc` file contains login and initialization information used by the auto-login process. It resides in the user's home directory. The following tokens are recognized; they may be separated by spaces, tabs, or new-lines:

machine name

Identify a remote machine name. The auto-login process searches the `.netrc` file for a machine token that matches the remote machine specified. Once a match is made, the subsequent `.netrc` tokens are processed, stopping when the end of file is reached or another machine or a default token is encountered.

default

This is the same as machine name except that default matches any name. There can be only one default token, and it must be after all machine tokens. This is normally used as:

```
default login anonymous password user@site
```

thereby giving the user automatic anonymous login to machines not specified in `.netrc`.

login name

Identify a user on the remote machine. If this token is present, the auto-login process will initiate a login using the specified name.

password string

Supply a password. If this token is present, the auto-login process will supply the specified string if the remote server requires a password as part of the login process.

account string

Supply an additional account password. If this token is present, the auto-login process will supply the specified string if the remote server requires an additional account password.

macdef name

Define a macro. `Net::Netrc` only parses this field to be compatible with `ftp`.

CONSTRUCTOR

The constructor for a `Net::Netrc` object is not called `new` as it does not really create a new object. But instead is called `lookup` as this is essentially what it does.

`lookup (MACHINE [, LOGIN])`

Lookup and return a reference to the entry for `MACHINE`. If `LOGIN` is given then the entry returned will have the given login. If `LOGIN` is not given then the first entry in the `.netrc` file for `MACHINE` will be returned.

If a matching entry cannot be found, and a default entry exists, then a reference to the

default entry is returned.

If there is no matching entry found and there is no default defined, or no .netrc file is found, then `undef` is returned.

METHODS

`login ()`

Return the login id for the netrc entry

`password ()`

Return the password for the netrc entry

`account ()`

Return the account information for the netrc entry

`lpa ()`

Return a list of login, password and account information for the netrc entry

AUTHOR

Graham Barr <gbarr@pobox.com>

SEE ALSO

[Net::Netrc](#) [Net::Cmd](#)

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