PERL GETPWENT FUNCTION

Description

This function returns the next password entry from the /etc/passwd file. This is used in combination with the setpwent and endpwent functions to iterate over the password file. In a list context, returns

$name, $passwd, $uid, $gid, $quota, $comment, $gcos, $dir, $shell = getpwent;

Syntax

Following is the simple syntax for this function −

```
getpwent
```

Return Value

This function returns username in scalar context and user record
name, password, userID, groupID, quote, comment, realname, homedirectory, shell in list context.

Example

Following is the example code showing its basic usage −

```perl
#!/usr/bin/perl

while(($name, $passwd, $uid, $gid, $quota,
   $comment, $gcos, $dir, $shell) = getpwent()){
   print "Name = $name\n";
   print "Password = $passwd\n";
   print "UID = $uid\n";
   print "GID = $gid\n";
   print "Quota = $quota\n";
   print "Comment = $comment\n";
   print "Gcos = $gcos\n";
   print "HOME DIR = $dir\n";
   print "Shell = $shell\n";
}
```

When above code is executed, it produces the following result −

```
Name = root
Password = x
UID = 0
GID = 0
Quota =
Comment =
Gcos = root
HOME DIR = /root
Shell = /bin/bash
Name = bin
Password = x
UID = 1
GID = 1
Quota =
Comment =
Gcos = bin
HOME DIR = /bin
Shell = /sbin/nologin
.
.
.
Name = com
```

```
Password = x
UID = 501
GID = 501
Quota =
Comment =
Gcos =
HOME DIR = /home/com
Shell = /bin/bash
Name = railo
Password = x
UID = 497
GID = 495
Quota =
Comment =
Gcos =
HOME DIR = /opt/railo
```