PERL GETPWUID FUNCTION

Description

This function returns a list of fields in list context, as extracted from the /etc/passwd file, based on the user name specified by EXPR. It.s generally used like this −

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

In a scalar context, returns the user name. If you are trying to access the whole /etc/passwd file, you should use the getpwent function. If you want to access the details by user name, use getpwnam.

Syntax

Following is the simple syntax for this function −

```
getpwuid EXPR
```

Return Value

This function returns user Name 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

   ($name, $passwd, $uid, $gid, $quota,
 $comment, $gcos, $dir, $shell) = getpwuid(0);
   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
```

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