

PERL GETPWNAM FUNCTION

http://www.tutorialspoint.com/perl/perl_getpwnam.htm

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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 = getpwnam $user;
```

In a scalar context, returns the numeric user ID. 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 ID, use `getpwuid`.

Syntax

Following is the simple syntax for this function –

```
getpwnam EXPR
```

Return Value

This function returns user ID 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 –

```
#!/usr/bin/perl

($name, $passwd, $uid, $gid, $quota,
 $comment, $gcos, $dir, $shell) = getpwnam("root");
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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