

PERL GETNETBYADDR FUNCTION

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

Copyright © tutorialspoint.com

Description

This function returns the information for the network specified by ADDR and type ADDRTYPE in a list context: *\$name*, *\$aliases*, *\$addrtype*, *\$net*

Syntax

Following is the simple syntax for this function –

```
getnetbyaddr ADDR, ADDRTYPE
```

Return Value

This function returns undef on error otherwise Network address in scalar context and empty list on error otherwise Network record *name*, *aliases*, *addresstype*, *networkaddress* in list context.

Example

Following is the example code showing its basic usage –

```
#!/usr/bin/perl

use Socket;

$iaddr = inet_aton("127.1"); # or whatever address
($name, $aliases, $addrtype, $net) = getnetbyaddr($iaddr, AF_INET);

print "Name = $name\n";
print "Aliases = $aliases\n";
print "Addrtype = $addrtype\n";
print "Net = $net\n";
```

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

```
Name = default
Aliases =
Addrtype = 2
Net = 0
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js