

PERL GETSERVENT FUNCTION

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

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Description

This function gets the next entry from the list of service entries, returning –

\$name, \$aliases, \$port_number, \$protocol_name

This call iterate through /etc/services file.

Syntax

Following is the simple syntax for this function –

```
getservent
```

Return Value

This function returns undef on error otherwise service name in scalar context and empty list on error otherwise Service record *name, aliases, portnumber, protocolname* in list context.

Example

Following is the example code showing its basic usage –

```
#!/usr/bin/perl

while(($name, $aliases, $port_number,
      $protocol_name) = getservent()){

    print "Name = $name\n";
    print "Aliases = $aliases\n";
    print "Port Number = $port_number\n";
    print "Protocol Name = $protocol_name\n";
}
```

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

```
Name = tcpmux
Aliases =
Port Number = 1
Protocol Name = tcp
Name = tcpmux
Aliases =
Port Number = 1
Protocol Name = udp
Name = rje
Aliases =
Port Number = 5
Protocol Name = tcp
Name = rje
Aliases =
Port Number = 5
Protocol Name = udp
.
.
.
Name = iclvp-sc
Aliases =
Port Number = 1390
Protocol Name = tcp
Name = iclvp-sc
```

```
Aliases =  
Port Number = 1390  
Protocol Name = udp  
Name = iclvp-sas  
Aliases =  
Port Number = 1391  
Protocol Name = tcp  
Name = iclvp-sas  
Aliases =  
Port Number = 1391  
Protocol Name = udp  
Na
```

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