ipcalc Documentation

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Wijnand Modderman

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This module allows you to perform IP subnet calculations, there is support for both IPv4 and IPv6 CIDR notation.

CHAPTER 1

Example Usage

```
>>> import ipcalc
>>> for x in ipcalc.Network('172.16.42.0/30'):
...     print str(x)
...
172.16.42.0
172.16.42.1
172.16.42.2
172.16.42.3
>>> subnet = ipcalc.Network('2001:beef:babe::/48')
>>> print str(subnet.network())
2001:beef:babe:0000:0000:0000:0000:0000
>>> print str(subnet.netmask())
ffff:ffff:ffff:0000:0000:0000:0000:0000
>>> '192.168.42.23' in Network('192.168.42.0/24')
True
>>> long(IP('fe80::213:ceff:fee8:c937'))
338288524927261089654168587652869703991L
```

CHAPTER 2

Bugs/Features

You can issue a ticket in GitHub: https://github.com/tehmaze/ipcalc/issues

CHAPTER 3

Download

Get your copy of ipcalc from pypi: http://pypi.python.org/pypi/ipcalc

CHAPTER 4

Indices and tables

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