Ruby master - Feature #3953

TCPStream / UDPSocket do not accept IPAddr objects.

10/16/2010 08:41 PM - postmodern (Hal Brodigan)

Status: Assigned
Priority: Normal
Assignee: knu (Akinori MUSHA)
Target version:

Description
=begin
I noticed that TCPStream/UDPSocket only accept String IPs/Hostnames, but not IPAddr objects. This is counter-intuitive since IP Addresses, along with Hostnames, are used to connect/bind to sockets.

```ruby
require 'socket'
require 'resolv'

ip = IPAddr.new(Resolv.getaddress('www.example.com'))
sock = TCPSocket.new(ip, 80)
TypeError: can't convert IPAddr into String
from (irb):5:in `initialize'
from (irb):5:in `new'
from (irb):5
=end
```

History
#1 - 03/18/2012 06:18 PM - akr (Akira Tanaka)
- Description updated

If we implement this feature, we need a method for duck type, such as IPAddr#to_ipaddress to convert to IP-address string.

#2 - 03/18/2012 06:22 PM - nahi (Hiroshi Nakamura)
- Category set to ext
- Assignee set to knu (Akinori MUSHA)

knu, how do you think?

#3 - 03/18/2012 06:46 PM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Assigned

#4 - 11/20/2012 09:23 PM - mame (Yusuke Endoh)
- Target version set to 2.6

#5 - 12/25/2017 06:14 PM - naruse (Yui NARUSE)
- Target version deleted (2.6)