

Ruby - Bug #547

IPV6

09/06/2008 07:52 PM - iwa (Motonori IWAMURO)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v:	Backport:
Description =begin socket[IPPROTO_IPV6][IPV6_JOIN_GROUP][IPV6]..... Python-2.5.2..... =end	

History

#1 - 09/06/2008 08:04 PM - matz (Yukihiko Matsumoto)

=begin
In message "Re: [\[ruby-dev:36175\]](#) [Bug #547] IPV6"
on Sat, 6 Sep 2008 19:46:53 +0900, Motonori IWAMURO redmine@ruby-lang.org writes:

```
|socket[IPPROTO_IPV6][IPV6_JOIN_GROUP][IPV6].....  
|  
|Python-2.5.2.....  
  
Python  
=end
```

#2 - 09/06/2008 09:37 PM - matz (Yukihiko Matsumoto)

- Status changed from Open to Closed
- % Done changed from 0 to 100

=begin
Applied in changeset r19189.
=end

#3 - 09/08/2008 12:03 AM - iwa (Motonori IWAMURO)

=begin
2008/09/06 21:31 Yukihiko Matsumoto redmine@ruby-lang.org:

#547 (by Yukihiko Matsumoto)
Open Closed
% 0 100

```
close IPV6_* [IPPROTO_IPV6].....  
  
Python Modules/socketmodule.c  
(  
  
IPPROTO_ICMPV6, IPPROTO_IPV6  
AF_AAL5  
AF_ASH  
AF_ATMPVC
```

AF_ATMSVC
AF_BRIDGE
AF_DECnet
AF_ECONET
AF_IRDA
AF_KEY
AF_LLC
AF_NETBEUI
AF_NETROM
AF_PPPOX
AF_ROSE
AF_SECURITY
AF_WANPIPE
AF_X25
AI_NUMERICSERV
EAI_OVERFLOW
IPPROTO_AH
IPPROTO_DSTOPTS
IPPROTO_ESP
IPPROTO_FRAGMENT
IPPROTO_GRE
IPPROTO_HOPOPTS
IPPROTO_ICMPV6
IPPROTO_IPCOMP
IPPROTO_IPIP
IPPROTO_IPV4
IPPROTO_IPV6
IPPROTO_MOBILE
IPPROTO_NONE
IPPROTO_PIM
IPPROTO_ROUTING
IPPROTO_RSVP
IPPROTO_VRRP
MSG_BTAG
MSG_ETAG
SOL_NETROM
SOL_ROSE
SO_EXCLUSIVEADDRUSE
TCP_CORK
TCP_DEFER_ACCEPT
TCP_INFO
TCP_KEEPCNT
TCP_KEEPIDLE
TCP_KEEPINTVL
TCP_LINGER2
TCP_QUICKACK
TCP_SYNCNT
TCP_WINDOW_CLAMP

`shutdown(0, 1, 2)` ?

`Python`

`/* shutdown() parameters */`

`#ifdef SHUT_RD`

`PyModule_AddIntConstant(m, "SHUT_RD", SHUT_RD);`

`#elif defined(SD_RECEIVE)`

`PyModule_AddIntConstant(m, "SHUT_RD", SD_RECEIVE);`

`#else`

`PyModule_AddIntConstant(m, "SHUT_RD", 0);`

`#endif`

`#ifdef SHUT_WR`

`PyModule_AddIntConstant(m, "SHUT_WR", SHUT_WR);`

`#elif defined(SD_SEND)`

`PyModule_AddIntConstant(m, "SHUT_WR", SD_SEND);`

`#else`

`PyModule_AddIntConstant(m, "SHUT_WR", 1);`

```
#endif
#ifdef SHUT_RDWR
PyModule_AddIntConstant(m, "SHUT_RDWR", SHUT_RDWR);
#elif defined(SD_BOTH)
PyModule_AddIntConstant(m, "SHUT_RDWR", SD_BOTH);
#else
PyModule_AddIntConstant(m, "SHUT_RDWR", 2);
#endif

SOMAXCONN ?
Python

/* Maximum number of connections for "listen" */

#ifdef SOMAXCONN
PyModule_AddIntConstant(m, "SOMAXCONN", SOMAXCONN);
#else
PyModule_AddIntConstant(m, "SOMAXCONN", 5); /* Common value */
#endif
```

```
AF_PACKET
PF_PACKET
PACKET_BROADCAST
PACKET_FASTROUTE
PACKET_HOST
PACKET_LOOPBACK
PACKET_MULTICAST
PACKET_OTHERHOST
PACKET_OUTGOING
```

```
BLUETOOTH ?
AF_BLUETOOTH
BTPROTO_L2CAP
BTPROTO_RFCOMM
BTPROTO_SCO
```

```
netlink Linux ?
: http://www.linux.or.jp/JM/html/LDP\_man-pages/man7/netlink.7.html
```

```
AF_NETLINK
NETLINK_ARPD
NETLINK_DNRTMSG
NETLINK_FIREWALL
NETLINK_IP6_FW
NETLINK_NFLOG
NETLINK_ROUTE
NETLINK_ROUTE6
NETLINK_SKIP
NETLINK_TAPBASE
NETLINK_TCPDIAG
NETLINK_USERSOCK
NETLINK_W1
NETLINK_XFRM
```

IWAMURO Motnori <http://vmi.jp/>

=end

#4 - 09/08/2008 06:46 PM - matz (Yukihiko Matsumoto)

=begin
~~~~~

In message "Re: [\[ruby-dev:36201\]](#) (Re: [Bug #547](#) IPv6)"  
on Sun, 7 Sep 2008 23:56:54 +0900, "IWAMURO Motonori" [deenheart+ruby@gmail.com](mailto:deenheart+ruby@gmail.com) writes:

```
|close IPv6_* IPROTO_IPV6 .....  
|Python Modules/socketmodule.c  
|  
|IPPROTO_ICMPV6, IPPROTO_IPV6  
  
TCP/IPV6
```

=end

#5 - 09/11/2008 12:34 AM - iwa (Motonori IWAMURO)

=begin  
~~~~~

.....

2008/09/08 18:40 Yukihiko Matsumoto matz@ruby-lang.org:

TCP/IPV6

.....

.....

IWAMURO Motnori <http://vmi.jp/>

=end

#6 - 09/15/2008 05:55 PM - iwa (Motonori IWAMURO)

=begin
~~~~~

2008/09/11 3:39 Tanaka Akira [akr@fsj.org](mailto:akr@fsj.org):

RFC 3493 RFC 3542

RFC  
<net/if.h><netinet/ip6.h><netinet/icmp6.h>

ICMP IPv4 .....

--  
IWAMURO Motnori <http://vmi.jp/>

Attachment: mkconstants.rb.diff  
=end