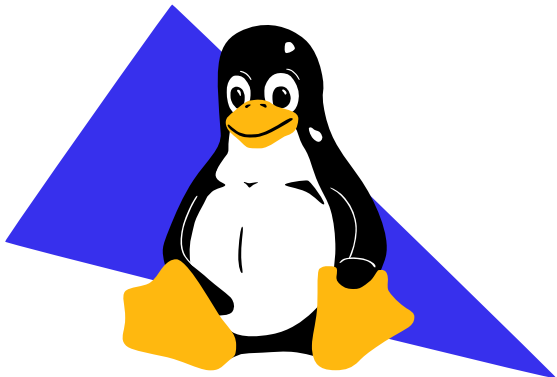


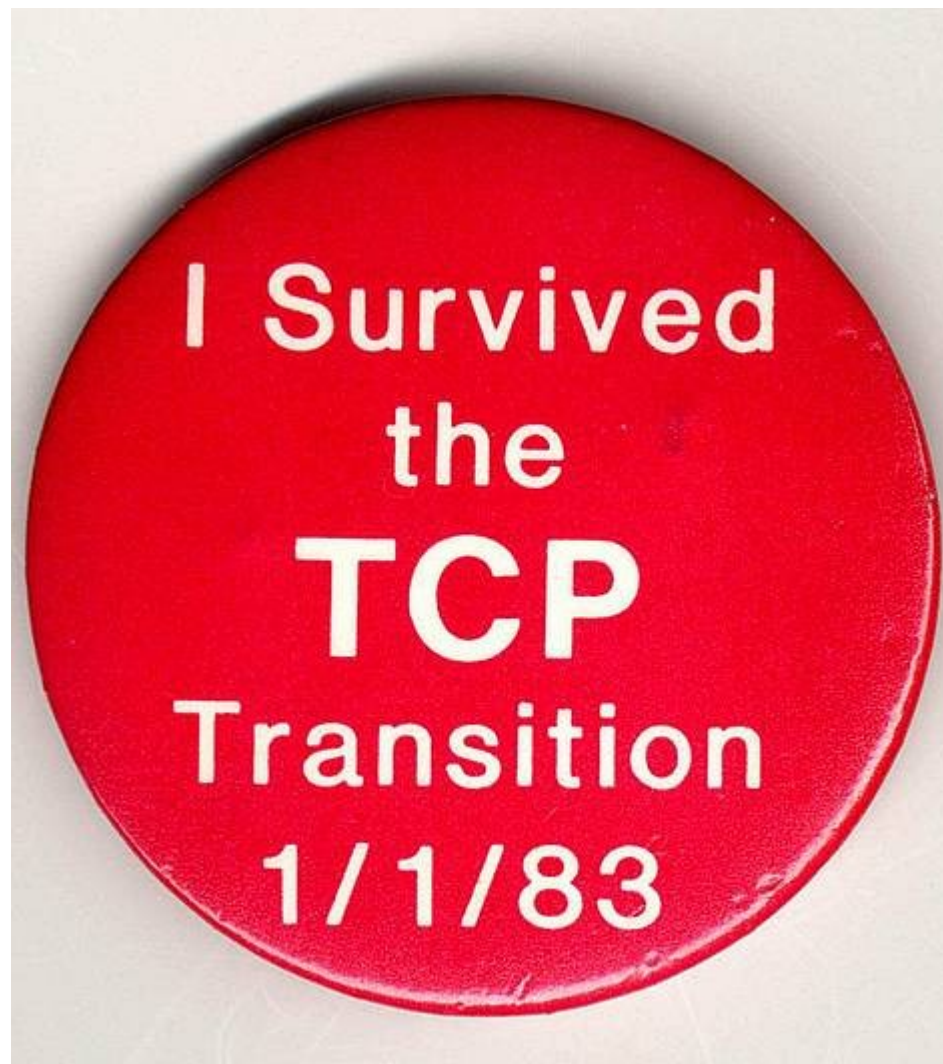
# World IPv6 Launch

Kevin Otte  
Triangle Linux Users Group  
12 April 2012



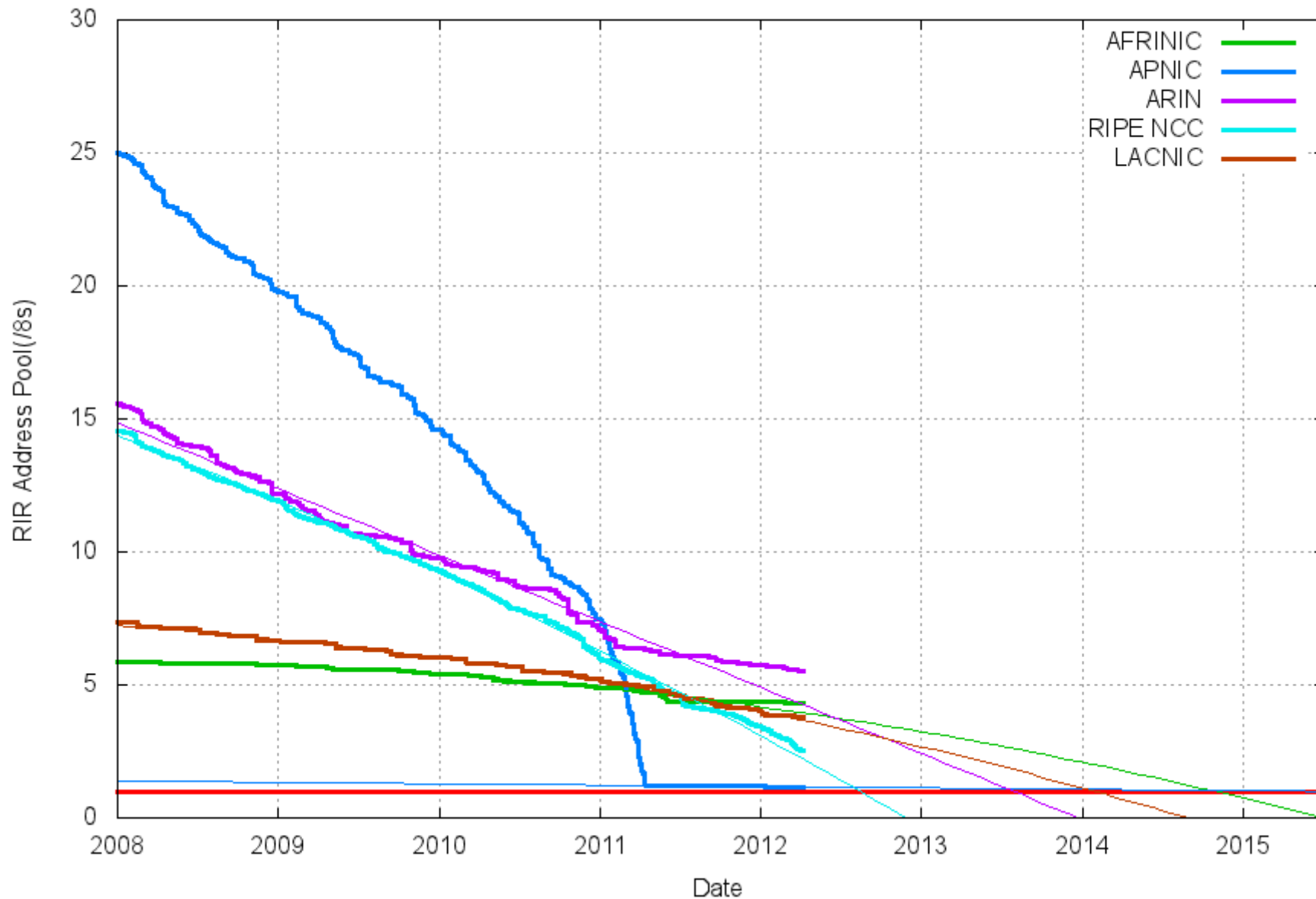


October 1969 - First message sent



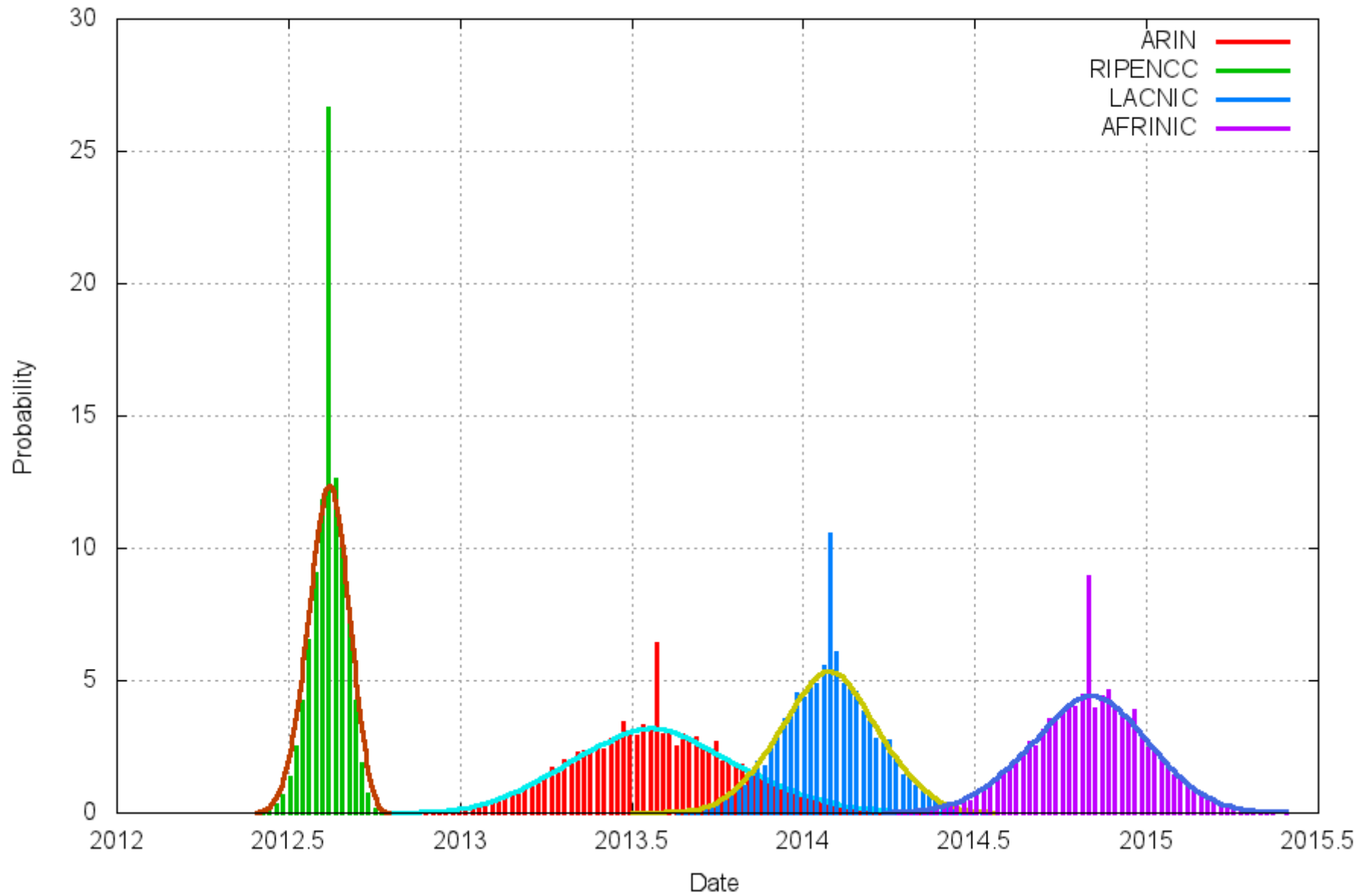
I Survived  
the  
**TCP**  
Transition  
1/1/83

RIR IPv4 Address Run-Down Model



<http://ipv4.potaroo.net>

# RIR IPv4 Address Run-Down Model - Variance Analysis



<http://ipv4.potaroo.net>





T-54 days!

```
kjotte@daedalus:~$ host pilot.trilug.org
pilot.trilug.org has address 64.244.27.136
pilot.trilug.org has IPv6 address 2001:470:8:11ec::2
```



```
kjotte@pilot:~$ ip address show
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP qlen 1000
    link/ether 00:30:48:76:7c:d8 brd ff:ff:ff:ff:ff:ff
    inet 64.244.27.136/28 brd 64.244.27.143 scope global eth0
    inet6 2001:470:8:11ec::2/64 scope global
        valid_lft forever preferred_lft forever
    inet6 fe80::230:48ff:fe76:7cd8/64 scope link
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP qlen 1000
    link/ether 00:30:48:76:7c:d9 brd ff:ff:ff:ff:ff:ff
    inet 192.168.77.8/24 brd 192.168.77.255 scope global eth1
    inet6 fe80::230:48ff:fe76:7cd9/64 scope link
        valid_lft forever preferred_lft forever
```

