

NAME

racount – count things from an **argus(8)** data file/stream.

SYNOPSIS

racount [-M *addr proto*] [**raoptions**] [-- *filter-expression*]

DESCRIPTION

Racount reads **argus** data from an *argus-file* list, and prints out various counts from the data in the file. Racount supports, by default, a single line output that provide total records and pkt and byte counts, broken down by source and destination.

OPTIONS

Racount, like all ra based clients, supports a number of **ra options** including filtering of input argus records through a terminating filter expression. See **ra(1)** for a complete description of **ra options**.

racount specific options are:

-M modes

Supported modes are:

proto Print a count breakdown on protocols seen. **racount** will report on IP protocols, ether protocols, arp, rarp and unknowwn.

addr Print a summary report of the occurrence of the various types of network addresses encountered. The current list of IANA standard network address types include:
 IPv4 Unicast ThisNet, Reserved, LoopBack, LinkLocal, TestNet and Private
 IPv4 Multicast Local, Internet, AdHoc, Reserved, SdpSap, Nasdaq, DisTrans, Src-Spec, Glop, Admin, OrgLocal and SiteLocal
 IPv6 Loopback, LinkLocal, SiteLocal, Global, V4Compat, V4Mapped and Unspecified
 IPv6 MulticastNodeLocal, MulticastLinkLocal, MulticastSiteLocal, MulticastOrgLocal and MulticastGlobal

EXAMPLE INVOCATION

This example runs **racount** against a single argus data file, generating the default output.

```
% racount -r argus.2012.02.13.17.20.00.out.gz
racount  records  total_pkts  src_pkts  dst_pkts  total_bytes  src_bytes  dst_bytes
sum      336        21319      9266      12053     16954495    1329172   15625323
```

This example runs **racount** against a directory containing argus data, generating a protocol breakdown as well as generating a network address summary.

```
% racount -M proto addr -r argus.2012.02.13.17.20.00.out.gz
racount  records  total_pkts  src_pkts  dst_pkts  total_bytes  src_bytes  dst_bytes
sum      336        21319      9266      12053     16954495    1329172   15625323
Protocol Summary
udp      1          28         28         0         14692       14692     0
ip       222       20751      8891      11860     16799531    1238670   15560861
udp     103        513        324        189     138274       74068     64206
udp      1          1          1          0         422         422       0
arp      7          16         12         4         936         680       256
Address Summary
IPv4 Unicast      src 0      dst 40
IPv4 Unicast Private  src 6      dst 3
IPv6 LinkLocal    src 3      dst 0
IPv6 Multicast Link Local src 0      dst 3
```

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RACOUNT(1)

RACOUNT(1)

SEE ALSO

ra(1), rarc(5), argus(8)