

**NAME**

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

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**SYNOPSIS**

**racount** [-M *addr proto*] [*ra options*]

**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)**