**NAME**
>       qshape - Print Postfix queue domain and age distribution

**SYNOPSIS**
>       **qshape** [**-s**] [**-p**] [**-m** *min_subdomains*] [**-b** *bucket_count*] [**-t** *bucket_time*] [**-l**] [**-w** *terminal_width*] [**-N**
>       *batch_msg_count*] [**-n** *batch_top_domains*] [**-c** *config_directory*] [*queue_name ...*]

**DESCRIPTION**
>       The **qshape** program helps the administrator understand the Postfix queue message distribution in time and
>       by sender domain or recipient domain. The program needs read access to the queue directories and queue
>       files, so it must run as the superuser or the **mail_owner** specified in **main.cf** (typically **postfix**).

>       Options:

>       **-s**      Display the sender domain distribution instead of the recipient domain distribution. By default the
>               recipient distribution is displayed. There can be more recipients than messages, but as each mes-
>               sage has only one sender, the sender distribution is a message distribution.

>       **-p**      Generate aggregate statistics for parent domains. Top level domains are not shown, nor are
>               domains with fewer than *min_subdomains* subdomains. The names of parent domains are shown
>               with a leading dot, (e.g. *.example.com*).

>       **-m** *min_subdomains*
>               When used with the **-p** option, sets the minimum subdomain count needed to show a separate line
>               for a parent domain. The default is 5.

>       **-b** *bucket_count*
>               The age distribution is broken up into a sequence of geometrically increasing intervals. This option
>               sets the number of intervals or "buckets". Each bucket has a maximum queue age that is twice as
>               large as that of the previous bucket. The last bucket has no age limit.

>       **-t** *bucket_time*
>               The age limit in minutes for the first time bucket. The default value is 5, meaning that the first
>               bucket counts messages between 0 and 5 minutes old.

>       **-l**      Instead of using a geometric age sequence, use a linear age sequence, in other words simple multi-
>               ples of **bucket_time**.

>               This feature is available in Postfix 2.2 and later.

>       **-w** *terminal_width*
>               The output is right justified, with the counts for the last bucket shown on the 80th column, the *ter-*
>               *minal_width* can be adjusted for wider screens allowing more buckets to be displayed without
>               truncating the domain names on the left. When a row for a full domain name and its counters does
>               not fit in the specified number of columns, only the last 17 bytes of the domain name are shown
>               with the prefix replaced by a '+' character. Truncated parent domain rows are shown as '.+' fol-
>               lowed by the last 16 bytes of the domain name. If this is still too narrow to show the domain name
>               and all the counters, the terminal_width limit is violated.

>       **-N** *batch_msg_count*
>               When the output device is a terminal, intermediate results are shown each "batch_msg_count"
>               messages. This produces usable results in a reasonable time even when the deferred queue is large.
>               The default is to show intermediate results every 1000 messages.

>       **-n** *batch_top_domains*
>               When reporting intermediate or final results to a termainal, report only the top
>               "batch_top_domains" domains. The default limit is 20 domains.

>       **-c** *config_directory*
>               The **main.cf** configuration file is in the named directory instead of the default configuration direc-
>               tory.

>       Arguments:

*queue_name*

By default **qshape** displays the combined distribution of the incoming and active queues. To display a different set of queues, just list their directory names on the command line. Absolute paths are used as is, other paths are taken relative to the **main.cf queue_directory** parameter setting. While **main.cf** supports the use of *$variable* expansion in the definition of the **queue_directory** parameter, the **qshape** program does not. If you must use variable expansions in the **queue_directory** setting, you must specify an explicit absolute path for each queue subdirectory even if you want the default incoming and active queue distribution.

## SEE ALSO

mailq(1),
List all messages in the queue.
QSHAPE_README Examples and background material.

## FILES

$config_directory/main.cf, Postfix installation parameters.
$queue_directory/maildrop/, local submission directory.
$queue_directory/incoming/, new message queue.
$queue_directory/hold/, messages waiting for tech support.
$queue_directory/active/, messages scheduled for delivery.
$queue_directory/deferred/, messages postponed for later delivery.

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