

# Message Queues

## Send

```
int main(int argc, char **argv)
{
    mqd_t queue;
    struct mq_attr attrs;
    size_t msg_len;

    if (argc < 3){}

    queue = mq_open(argv[1], O_WRONLY | O_CREAT, S_IRUSR | S_IWUSR, NULL);
    if (queue == (mqd_t)-1){}

    if (mq_getattr(queue, &attrs) == -1){}

    msg_len = strlen(argv[2]);
    if (msg_len > LONG_MAX || (long)msg_len > attrs.mq_msgsize){}

    if (mq_send(queue, argv[2], strlen(argv[2]), 0) == -1){}

    return 0;
}
```