Using Majordomo.

To use Majordomo, a user sends commands as an email message to the address the Majordomo server is configured to recognise. For instance, to find out what lists are served by Majordomo@pd.infn.it, a user named “guest@somewhere.org” might send the following message:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

lists
```

The “Subject:” line of a message, if any, is ignored by Majordomo, so there’s no harm in leaving it out. Guest would receive a message like this in response to his uery:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

>>>> lists

Majordomo@pd.infn.it serves the following lists:

Fisica-users

    Use the 'info <list>' command to get more information
about a specific list.
```

Upon receiving this, Guest migh wish to find out more about the list. He could send the following request:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

info Fisica-users
```

In return, Majordomo would respond with:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

>>>> info Fisica-users

Questa lista e` riservata a coloro che lavorano pres-
so la sezione INFN di Padova e presso il Dipartimento
di Fisica Galileo Galilei di Padova.
```

If Guest wishes to subscribe to one of the lists he would send the following request:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

subscribe Fisica-users
```

In return, he would receive two messages. The first is a standard Majordomo response:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

>>>> subscribe Fisica-users
Succeeded.
```

The second is "welcome" message with specific information concerning the list (note that it also includes the same information that an "info" command on the list would return). This message goes to the subscribed address, not the address the request was made from (though in this case those are the same; since Guest didn't specify an address to subscribe, it defaultes to the address the request was made from):

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Welcome to Fisica-users

--

Welcome to the Fisica-users mailing list!

If you ever want to remove yourself from this mailing
list,you can send mail to
"majordomo@ospd01.pd.infn.it"
with the following command in the body of your email
message:

    unsubscribe Fisica-users guest@pd.infn.it

Here's the general information for the list you've
subscribed to, in case you don't already have it:

Questa lista e` riservata a coloro che lavorano pres-
so la sezione INFN di Padova e presso il Dipartimento
di Fisica Galileo Galilei di Padova.
```

As the same time, the owner of the list would receive the following notification of a new user:

```
From: Majordomo@pd.infn.it
To: Fisica-users-approval@pd.infn.it
Subject: SUBSCRIBE Fisica-users

guest@somewhere.org has been added to Fisica-users.
No action is required on your part.
```

If Guest wanted to subscribe some other address to Fisica-users, he could submit the following request:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

subscribe Fisica-users user1@somewhere.org
```

This would cause the following message to be returned to Guest:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

--

>>>> subscribe Fisica-users user1@somewhere.org
Your request to majordomo@ospd01.pd.infn.it:

        subscribe Fisica-users user1@somewhere.org

has been forwarded to the owner of the "Fisica-users"
list for approval.
This could be for any of several reasons:

    You might have asked to subscribe to a "closed"
list, where all new additions must be approved by the
list owner.

    You might have asked to subscribe or unsubscribe
an address other than the one that appears in the
headers of your mail message.

When the list owner approves your request, you will be
notified.

If you have any questions about the policy of the list
owner, please contact
"Fisica-users-approval@ospd01.pd.infn.it".

Thanks!
```

```
majordomo@ospd01.pd.infn.it
>>>>
>>>>
```

At the same time, Majordomo sends the following message to the mailing list owner:

```
From: Majordomo@pd.infn.it
To: Fisica-users-approval@pd.infn.it
Subject: APPROVE Fisica-users

--

guest@pd.infn.it requests that you approve the fol-
lowing:

        subscribe Fisica-users user1@somewhere.org

If you approve, please send a message such as the fol-
lowing back to majordomo@ospd01.pd.infn.it (with the
appropriate PASSWORD filled in, ofcourse):

        approve PASSWORD subscribe Fisica-users \
user1@pd.infn.it

If you disapprove, do nothing.
```

If the list owner send such an "approve" command back to Majordomo, and the password is the correct password for the list in question, then the addition will take place. The address being subscribed (user1@somewhere.org) will receive a standard "Welcome to Fisica-users" message and the list owner will receive a standard "SUBSCRIBE" notification, as shown above.

Such an "approve" cycle takes place if a user attempt to subscribe or unsubscribe any address that doesn't match the one in the header of their messages, or if a user asks to subscribe to a "closed" list.

To find out who is in on the Fisica-users list, Guest would send the following request:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

who Fisica-users
```

and would receive the following response:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

--
```

```
>>>> who Fisica-users
Members of the list 'Fisica-users':

.....
.....
.....
```

To find out which of the lists he's on that are served by a given Majordomo server, Guest would send the following request:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

which
```

Majordomo would respond with:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

--

>>>> which
The address 'guest@somewhere.org' is on the following
lists served by Majordomo@pd.infn.it:

Fisica-users
```

To unsubscribe himself from the Fisica-users list, Guest would send a request such as:

```
From: guest@somewhere.org
To: Majordomo@pd.infn.it

unsubscribe Fisica-users guest@somewhere.org
```

To which Majordomo would respond:

```
From: Majordomo@pd.infn.it
To: guest@somewhere.org
Subject: Majordomo results

--

>>>> unsubscribe Fisica-users guest@somewhere.org
Succeeded.
```

The following message would also be sent to the list owner:

```
From: Majordomo@pd.infn.it
To: Fisica-users-approval@pd.infn.it
Subject: UNSUBSCRIBE Fisica-users

guest@somewhere.org has unsubscribed from Fisica-
users.
No action is required on your part.
```

If Guest mailer automatically append a signature to the end of all his outgoing messages, he could issue the "end" command as the last command of his messages to cause Majordomo to stop processing at that point. In addition, he could include blank lines or comments (anything following a '#' on a line is a comment, and is discarded before line is processed) if he wanted to.

If the owner of the "Fisica-users" list wished to change the information file that is sent in response to "info" and "subscribe" requests, he could do that with a message such as:

```
To: Majordomo@pd.infn.it

newinfo Fisica-users PASSWORD
This is a revised information file .........
END
```

If the password used was correct password for the list, Majordomo would replace the existing info file with the contents of the message to the "END" marker. A wise list owner would probably include an "info Fisica-users" command after the END marker so that he could verify that the information update succeded.

A list owner could also use a message like this to change the password for his list:

```
To: Majordomo@pd.infn.it

password Fisica-users OLD NEW
```

If the old password for majordomo-users was OLD, then Majordomo would change the password to NEW. For all Majordomo list owner operations that require passwords, knoledge of the password for the list is the only authentication performed on the command.