



Downloading using the command line

***Before commencing download please check that your dataset is available in the client using the following link

https://www.ebi.ac.uk/ega/sites/ebi.ac.uk.ega/files/documents/datasets_not_in_client_22_09_2015_2.xlsx

*If they are unavailable in the download client please email ega-helpdesk@ebi.ac.uk stating that you need a download account creating and list the datasets required. ****

The EgaDemoClient.jar application can be used as command line client, or as interactive shell. Both ways provide the same functionality.

Assume the following in red are fields that you will need to change accordingly

Email address (the email address under which your EGA account is held)

Password (the password you have set upon account creation)

Encryption/Decryption key (are the same entity and chosen by **yourself** in the following examples abc is used)

Dataset (the dataset you wish to download) e.g., **EGAD00010000498**

Background to download

It is important to remember that every download consists of **four** parts they are: -



How do I log in?

To log in and use the client: -

```
java -jar EgaDemoClient.jar -p email address password -help  
(adding -help gives the option to view all commands available).
```

How do I list what datasets I have access to?

```
java -jar EgaDemoClient.jar -p email address password -ld
```

How do I find out what files are in a dataset?

```
java -jar EgaDemoClient.jar -p email address password -lfd  
EGAD00010000498
```

How do I request a file?

```
java -jar EgaDemoClient.jar -p email address password -rf EGAF00000278296 -re abc  
-label request_EGAF00000278296
```

How do I request a whole dataset (all files)?

```
java -jar EgaDemoClient.jar -p email address password -rfd  
EGAD00010000498 -re abc -label request_EGAD00010000498
```

Can I download multiple files at once?

This is not currently possible within the download client, however, you can list the files within a dataset and filter them for all files with extension e.g., “.vcf.cip” or “.vcf.gpg”, and store the file stable IDs for these files (the EGAF...) ID. Then these files can be requested individually. If all requests are made with the same request name, then this will appear as one single request in the downloader and can be downloaded just like all other requests

How do I list what requests I have made?

```
java -jar EgaDemoClient.jar -p email address password -lr
```

How do I download a request?

```
java -jar EgaDemoClient.jar -p email address password -dr  
request_EGAD00010000498 -nt 7
```

(7 uses 7 parallel streams (there is a maximum of 15 streams), please note default is 3 if not specified)

How do I download a request to a specific directory?

```
java -jar EgaDemoClient.jar -p email address password -dr  
request_EGAD00010000212 -nt 7 -path <path to directory>
```

How do I decrypt the file?

```
java -jar EgaDemoClient.jar -p email address password -dc  
<path to file1> -dck abc
```

How do I decrypt multiple files at once?

```
java -jar EgaDemoClient.jar -p email address password -dc <path to  
file1> <path to file2> <path to file3> -dck abc
```

Trouble shooting

There are several options to explore how to better use the download system.

EGA > tutorial

EGA > instructions

If you are experiencing trouble in downloading please use the following link.

https://www.ebi.ac.uk/ega/about/your_EGA_account/download_streaming_client#troubleshooting

Should you need further assistance please contact ega-helpdesk@ebi.ac.uk