CuckooAPI

```
Cuckoo_monitor(file)

CuckooAPI(file)
Report <- Cuckoo/Storage/Analyses/latest/reports
Check the Hash and the score from info section
Global Latest_score <- ["info"]["score"]</pre>
```

ChatMD client

```
client()
 connect(serverip,port)
 create_user()
 create_chatroom()
 command<-user gives command</pre>
 if command has whohas
     rb to png(file)
     output <- ML_Model(file)</pre>
 if command has getfile and output not benign
    Block file transfer
    Malware detected
 elseif command has getfile and output is benign
     cuckoo_monitor(file)
      if latest score greater than 1
         block file transfer
         malware detected
      else
         Send the file
```

rb_to_png

```
save(file,v)
```

ML_Model

ML_API

```
Procedure API(input_image)
    input _image accepted on flask-server as form input
    Trained.pkl ← Fetch the pickle file from Model()
    Family ← Run Trained.pkl for the given input_image
    If the Family is benign
        Return "Benign"
    Else
        Return "Malware and family is" + Family

End procedure
```