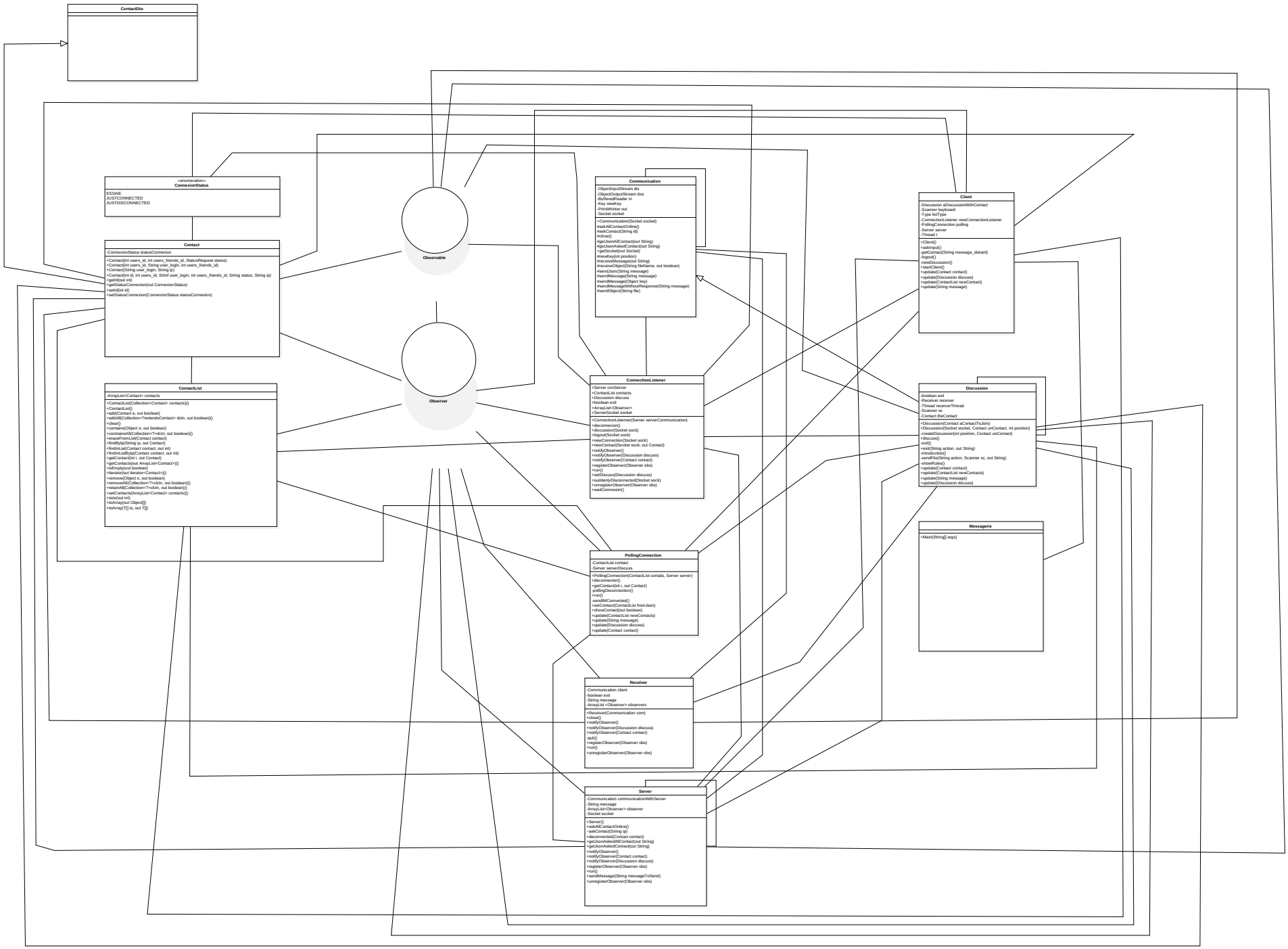
Model::Main


ContactDto
«enumeration»
ConnexionStatus
ESSAIE
JUSTCONNECTED
JUSTDISCONNECTED
Contact
-ConnexionStatus statusConnexion
+Contact(int users_id, int users_friends_id, StatusRequest status)
+Contact(int users_id, String user_login, int users_friends_id)
+Contact(String user_login, String ip)
+Contact(int id, int users_id, StringI user_login, int users_friends_id, String status, String ip)
+getId(out int)
+getStatusConnexion(out ConnexionStatus)
+setId(int id)
+setStatusConnexion(ConnexionStatus statusConnexion)
ContactList
-ArrayList<Contact> contacts
+ContactList(Collection<Contact> contacts)()
+ContactList()
+add(Contact e, out boolean)
+addAll(Collection<?extendsContact> dctn, out boolean)()
+clear()
+contains(Object o, out boolean)
+containsAll(Collection<?>dctn, out boolean)()
+eraseFromList(Contact contact)
+findById(String ip, out Contact)
+findInList(Contact contact, out int)
+findInListById(Contact contact, out int)
+getContact(int i, out Contact)
+getContacts(out ArrayList<Contact>)()
+isEmpty(out boolean)
+iterator(out Iterator<Contact>)()
+remove(Object o, out boolean)
+removeAll(Collection<?>dctn, out boolean)()
+retainAll(Collection<?>dctn, out boolean)()
+setContacts(ArrayList<Contact> contacts)()
+size(out int)
+toArray(out Object[])
+toArray(T[] ts, out T[])
Observable
Observer
Communication
-ObjectInputStream dis
-ObjectOutputStream dos
-BufferedReader in
-Key newKey
-PrintWriter out
-Socket socket
+Communication(Socket socket)
#askAllContactOnline()
#askContact(String id)
#close()
#getJsonAllContact(out String)
#getJsonAskedContact(out String)
+getSocket(out Socket)
#newKey(int position)
#receiveMessage(out String)
#receiveObject(String fileName, out boolean)
#sendJson(String message)
#sendMessage(String message)
#sendMessage(Object key)
#sendMessageWithoutResponse(String message)
#sendObject(String file)
Client
-Discussion aDiscussionWithContact
-Scanner keyboard
-Type listType
-ConnectionListener newConnectionListener
-PollingConnection polling
-Server server
-Thread t
+Client()
+askInput()
-getContact(String message_distant)
-logout()
-newDiscussion()
+startClient()
+update(Contact contact)
+update(Discussion discuss)
+update(ContactList newContact)
+update(String message)
ConnectionListener
+Server conServer
+ContactList contacts
+Discussion discuss
+boolean exit
+ArrayList<Observer>
+ServerSocket socket
+ConnectionListener(Server serverCommunication)
+deconnexion()
+discussion(Socket sock)
+logout(Socket sock)
+newConnection(Socket sock)
+newContact(Socket sock, out Contact)
+notifyObserver()
+notifyObserver(Discussion discuss)
+notifyObserver(Contact contact)
+registerObserver(Observer obs)
+run()
+setDiscuss(Discussion discuss)
+suddenlyDisconnected(Socket sock)
+unregisterObserver(Observer obs)
+waitConnexion()
Discussion
-boolean exit
-Receiver receiver
-Thread receiverThread
-Scanner sc
-Contact theContact
+Discussion(Contact aContactToJoin)
+Discussion(Socket socket, Contact unContact, int position)
-createDiscussion(int position, Contact unContact)
+discuss()
-exit()
+exit(String action, out String)
-introduction()
-sendFile(String action, Scanner sc, out String)
-showRules()
+update(Contact contact)
+update(ContactList newContacts)
+update(String message)
+update(Discussion discuss)
Messagerie
+Main(String[] args)
PollingConnection
-ContactList contact
-Server serverDiscuss
+PollingConnection(ContactList contats, Server server)
+deconnexion()
+getContact(int i, out Contact)
-pollingDeconnection()
+run()
-sendIfConnected()
+setContacts(ContactList fromJson)
+showContact(out boolean)
+update(ContactList newContacts)
+update(String message)
+update(Discussion discuss)
+update(Contact contact)
Receiver
-Communication client
-boolean exit
-String message
-ArrayList <Observer> observers
+Receiver(Communication com)
+close()
+notifyObserver()
+notifyObserver(Discussion discuss)
+notifyObserver(Contact contact)
-quit()
+registerObserver(Observer obs)
+run()
+unregisterObserver(Observer obs)
Server
-Communication communicationWithServer
-String message
-ArrayList<Observer> observer
-Socket socket
+Server()
+askAllContactOnline()
~askContact(String ip)
+deconnected(Contact contact)
+getJsonAskedAllContact(out String)
+getJsonAskedContact(out String)
+notifyObserver()
+notifyObserver(Contact contact)
+notifyObserver(Discussion discuss)
+registerObserver(Observer obs)
+run()
+sendMessage(String messageToSend)
+unregisterObserver(Observer obs)