DhmsServant

ORB orb

String serverLocation
String hostName
String portName

static String mtlHost, queHost, sheHost = "localhost"
Map<String, Map<String, String>> appointmentRecords
byte [] adminLogin

byte [] patientLogin

int udpPortMtl = 2234

int udpPortQue = 3331

int udpPortShe = 3332

UDPserver udpServer

Log logFile

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void setOrb(ORB orb_val)
String addAppointment(String appointmentID, String appointmentType)

String removeAppointment(String appointmentID, String appointment type)

String listAppointmentAvailability(String appointmentType)

String bookAppointment(String patientID, String appointmentID, String appointmentType)

String getAppointmentSchedule(String patientID)

String cancelAppointment(String patientID, String appointmentID)

String swapAppointment(String patientID, String oldAppID, String oldAppType, String newAppID, String newAPPType)

int loginAdmin(String adminID)

int logoutAdmin(String adminID)

int loginPatient(String patientID)

int logoutPatient(String patientID)

void shutdown()

DhmsClient

String id

String serverName

String serverHost

String serverPort

String access

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run()

PatientClient

run()

main()

AdminClient

run()

main()

DhmsServer

main()

UDPserver

DhmsServant dhms

int UDPport

---

run()

Log

private BufferedWriter

SimpleFormatDate date

---

protected void finilize()

public synchonized String writeLog(String msg)

UDPclient

int UDPport

String remoteHost

String localServer

String remoteServer

String appointmentType

String serverReply

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run()

Appointment

private String id

private String type

private String status

private int capacity

---

public String getID()

public void setID(String id)

public String getType()

public void setType(String type)

public String getStatus()

public void setStatus(String status)

public int setCapacity()

public void setCapacity(it capacity)