

```
import java.net.DatagramSocket;
import java.net.DatagramPacket;
import java.net.InetSocketAddress;
import java.util.Date;
import java.util.List;
import java.util.ArrayList;
import java.util.Iterator;
import java.io.BufferedReader;
import java.io.FileReader;
import java.io.IOException;

public class TimeServerDG {
    public static void main (String[] args) {
        if (args.length < 1) {
            System.err.println ("Usage: TimeServerDG <file>" );
            return;
        }
        try {
            List<String> recipients = new ArrayList<String>();
            BufferedReader in = new BufferedReader (new FileReader(args[0]));
            String next = null;
            while ((next = in.readLine()) != null)
                recipients.add(next);
            in.close();

            InetSocketAddress[] hosts = new InetSocketAddress[recipients.size()];
            int i = 0;
            for (String host : recipients)
                hosts[i++] = new InetSocketAddress (host, port);

            DatagramSocket t_socket = new DatagramSocket();

            while (true) {
                byte[] t_bytes = new Date().toString().getBytes();
                DatagramPacket t_packet = new DatagramPacket (t_bytes, t_bytes.length);
                for (i = 0; i < hosts.length; i++) {
                    t_packet.setSocketAddress (hosts[i]);
                    t_socket.send (t_packet);
                }
                Thread.sleep (winks);
            }
        }
        catch (IOException e) { System.err.println (e); }
        catch (InterruptedException e) { System.err.println (e); }
    }

    private static final int port = 10001;
    private static final int winks = 10000;
}
```