

# Java Example

This example lacks error checking, working "as is" - in most circumstances. For some queries, DATAFEED requires that you first wait until you've received each answer before you send the next query. To accommodate this DATAFEED logic, you must modify the code shown here. As such, you should view this example conceptually rather than as a fully working prototype.

```
import java.io.*;
import java.net.*;

public class datafeed extends Thread
{
    DataInputStream fin;
    DataOutputStream fout;
    DataInputStream sin;
    DataOutputStream sout;
    PrintStream pout;
    Socket s;

    public datafeed()
    {
        try
        {
            s = new Socket("internet",6997);
            sin = new DataInputStream(s.getInputStream());
            sout = new DataOutputStream(s.getOutputStream());
            pout = new PrintStream(sout);
            Thread.sleep(1000);
            pout.println("useridpassword");
            Thread.sleep(1000);
            fin = new DataInputStream(new FileInputStream("file.in"));
            fout = new DataOutputStream(new FileOutputStream("file.out"));
        }
        catch (Exception e) {}
    }

    public void run()
    {
        try
        {
            char c;
            while (true)
            {
                c = sin.readChar();
                fout.writeChar(c);
                Thread.sleep(1);
            }
        }
        catch (Exception e) {}
    }

    public static void main(String args[])
    {
        try
        {
            char c;
            datafeed d = new datafeed();
            d.start();
            while (true)
            {
                c = (d.fin).readChar();
                (d.sout).writeChar(c);
                Thread.sleep(1);
            }
        }
        catch (Exception e) {}
    }
}
```