

ScriptsFromJava

Found Online: by Dakota Jack. Extracted from [StrutsSolutions](#) page.

```
package deploy;

public class ScriptExec {
    public static void main(String args[]) {
        if (args.length < 1) {
            System.out.println("USAGE: java GoodWindowsExec <cmd>");
            System.exit(1);
        }

        try {
            String osName = System.getProperty("os.name");
            String[] cmd = new String[3];

            if(osName.equals("Windows XP")) {
                cmd[0] = "cmd.exe" ;
                cmd[1] = "/C" ;
                cmd[2] = args[0];
            } else if(osName.equals("Windows NT")) {
                cmd[0] = "cmd.exe" ;
                cmd[1] = "/C" ;
                cmd[2] = args[0];
            } else if(osName.equals("Windows 95")) {
                cmd[0] = "command.com" ;
                cmd[1] = "/C" ;
                cmd[2] = args[0];
            }

            Runtime rt = Runtime.getRuntime();
            System.out.println("Execing " + cmd[0] + " " + cmd[1]
                               + " " + cmd[2]);
            Process proc = rt.exec(cmd);
            // any error message?
            StreamGobbler errorGobbler = new StreamGobbler(proc.getErrorStream(), "ERROR");

            // any output?
            StreamGobbler outputGobbler = new StreamGobbler(proc.getInputStream(), "OUTPUT");

            // Kick them off
            errorGobbler.start();
            outputGobbler.start();

            // any error???
            int exitVal = proc.waitFor();
            System.out.println("ExitValue: " + exitVal);
        } catch (Throwable t) {
            t.printStackTrace();
        }
    }
}

package deploy;

import java.util.*;
import java.io.*;

class StreamGobbler
    extends Thread {
    private InputStream is;
    private String      type;

    StreamGobbler(InputStream is,
                   String      type) {
        this.is      = is;
        this.type = type;
    }
}
```

```
public void run() {  
    try {  
        InputStreamReader isr = new InputStreamReader(is);  
        BufferedReader br = new BufferedReader(isr);  
        String line=null;  
        while ((line = br.readLine()) != null)  
            System.out.println(type + ">" + line);  
    } catch (IOException ioe) {  
        ioe.printStackTrace();  
    }  
}
```