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A/UX and Automatic Startup Execution (1/94)

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TOPIC -----

I need to automatically execute at A/UX login on an Apple Workgroup Server (AWS) 95, to one change directory and two launch a program, under A/UX. I don't want to use an Alias with the startup folder.

Example:

```
cd /usr/local/Itersep  
Islogger &  
Ispooler &
```

I need this executed at A/UX startup, and I think I have to modify a file inside the "/etc" directory. How can I do this?

DISCUSSION -----

There are several possible answers to your question. The most important considerations are whether you want these programs started only once every time you boot the system, or if you want them to start and terminate every time a new Finder session starts.

If you want these programs to get started once every time you boot the system, add a line for each one of them at the end of the file /etc/rc.

Each line could look like

```
( cd /usr/local/Itersep ; Islogger ) &  
( cd /usr/local/Itersep ; Ispooler ) &
```

I created the entries this way since in your description you say you need to go to the directory /usr/local/Itersep in order to start these programs. If it is not necessary to be in the directory /usr/local/Itersep, the entries could look like:

```
/usr/local/Itersep/Islogger &  
/usr/local/Itersep/Ispooler &
```

If you want these programs to get started and terminated for every session you need to make your modifications in the file /mac/bin/mac32. Since this is the default file used, I prefer to work on a copy of this file.

Make a copy of the file /mac/bin/mac32 to the root "/" directory. Rename the file .mac32. This will make this the file to be executed for every Finder session started by the root user instead of /mac/bin/mac32.

You would need to add the following lines to the /.mac32 file. They would need to be inserted before the line reading "Wait for startmac to exit".

You would also need to add two lines to kill the two processes when the Finder session ends. This would have to be done after the line reading

```
"wait $STARTMAC_PID"
```

After you make these changes, the modified part of the file would look like this

```
( cd /usr/local/Itersep ; lslogger ) &      #Start lslogger
LSLOGGER_PID=$!
```

```
( cd /usr/local/Itersep ; lspooler ) &     #Start lspooler
LSPOOLER_PID=$!
```

```
#
# Wait for startmac to exit, then make sure CommandShell is dead.
#
wait $STARTMAC_PID
kill $LSLOGGER_PID > /dev/null 2>&1      #Kill lslogger
kill $LSPOOLER_PID > /dev/null 2>&1     #Kill lspooler
kill $CMDSHELL_PID > /dev/null 2>&1
```

I should point out that since I do not know what your programs do, I am unable to test if there will be any problems with either of these approaches.

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