

File: ex.pl

--- example 1

```
BravoPattern ← {...("↑Z" ...)* "↑M"| ...};
```

--- example 2

```
RelevantFiles ← dir//{... ("bcd" | ".mesa")};
```

```
MesaFiles ← RelevantFiles//{... ".mesa"*};
```

```
BcdPattern ← RelevantFiles//{... ".bcd"*/sort// ([x, y]: {x | y});
```

```
MesaFiles//{~BcdFiles ...}/display;
```

--- Example 3.

```
AddCrs1 ← (Paragraph: [Paragraph, "" ] % ([In, Out]: In/{#...} >
      (In/{[len 80, ...]
        /[Line, RestOfIn]:
          Line/{[... " " ]!, ...}/[Most, Stub]:
            [Stub RestOfIn, Out Most "↑M"]
          }
        | ["", Out In]
      )
    )
  /([In, Out]: Out);
```

```
AddCrs2 ← (Paragraph: Paragraph/{[len 80, ...]
      /[Line, RestOfLine]:
        Line/{[... " " ]!, ...}/[Most, Stub]:
          Most "↑M" (Stub RestOfLine/AddCrs)
        }
      | Paragraph);
```

--- Example 4.

```
Month ← {"Jan" > 01} | {"Feb" > 02} | {"Mar" > 03} | {"Apr" > 04} | {"May" > 05} | {"Jun" > 06} | {"Jul" > 07} | {"Aug" > 08} | {"Sep" > 09} | {"Oct" > 10} | {"Nov" > 11} | {"Dec" > 12};
```

```
Date ← {[integer ".-*" , Month "-.*" , integer]
  / ([d, m, y] : y m ((d/length/{2}) > d | (0 d)))};
```

```
PFile ← {...<JuniperX>"}* (word ">"!)? word ("mesa!" number)*};
```

```
Line ← {[PFile "!"* , Date (... "↑M")*}];
```

```
Later ← ([f, d] : ((("9-Aug-78"/Date) - d)/{"-..."} > f);
```

```

FtpLog+ " < JuniperX > defs > BTreeDefs.mesa!3 8-Aug-78 18:05:13tM"
" < JuniperX > defs > FilePageUseDefs.mesa!3 8-Aug-78 18:05:07tM"
" < JuniperX > defs > FileSystemDefs.mesa!3 8-Aug-78 18:05:15tM"
" < JuniperX > defs > JuniperFileDefs.mesa!3 8-Aug-78 18:05:18tM"
" < JuniperX > defs > triconprivatedefs.mesa!3 11-Aug-78 11:22:49tM"
" < JuniperX > hes > nelsonenv.mesa!3 4-Aug-78 13:59:26tM"
" < JuniperX > progs > CommonPineCold.mesa!3 11-Aug-78 17:36:24tM"
" < JuniperX > progs > CommonPineHot.mesa!3 11-Aug-78 17:39:58tM"
" < JuniperX > progs > ControlHelper.mesa!3 11-Aug-78 17:41:41tM"
" < JuniperX > progs > eventmanager.mesa!3 11-Aug-78 11:40:39tM"
" < JuniperX > progs > HTABLES.mesa!3 11-Aug-78 11:44:17tM"
" < JuniperX > progs > Intentions.mesa!3 11-Aug-78 16:34:13tM"
" < JuniperX > progs > machinesync.mesa!3 11-Aug-78 16:25:44tM"
" < JuniperX > progs > Vectors.mesa!3 11-Aug-78 16:38:14tM"
" < JuniperX > progs > wdisk.mesa!3 11-Aug-78 18:01:41tM"
" junk tM";

```

```

FtpLog / {Line,I ...*}
// Later
/usort
/ fileList :

```

```

"ftp ivy di/c juniperx ret/c " (fileList ".mesa " / conc) "tM"

```

```

(fileList // { (word " >")!?* word }

```

```

/ fileList:

```

```

("bravo/z " fileList "tM" /// conc)

```

```

"pressedit foo.press ← " (fileList ".press " / conc) "tM"

```

```

"empress foo.press; delete foo.press)/display --- /exec --- ;

```

```

--- example 5

```

```

Eval ← {number | ([ ("*" Eval " + "*" , Eval ")")* ]/plus) |
([ ("*" Eval "-"* , Eval ")")* ]/minus)}

```

File: ex1.pl

P ← {...("tZ" ...) * "tM"! ...}

File: ex2.pl

RelevantFiles ← dir//{... (".bcd" | ".mesa")};

MesaFiles ← RelevantFiles//{... ".mesa"*};

BcdPattern ← RelevantFiles//{... ".bcd"*}// ([x, y]: {x | y});

MesaFiles//{~BcdFiles ...}

Handwritten notes: /RelevantFiles // {x | y} : S /BcdFiles

File: ex3.pl

```

AddCrS1 ← (Paragraph: [Paragraph, "" ] % ([In, Out]: In/{#...} >
          (In/{[len 80, ...]
            /[Line, RestOfIn]:
              Line/{[... " " ]!, ...}]/[Most, Stub]:
                [Stub RestOfIn, Out Most "†M"]
            }
          | ["", Out In]
        )
      )
    /([In, Out]: Out));

AddCrS2 ← (Paragraph: Paragraph/[len 80, ...]
          /[Line, RestOfLine]:
            Line/{[... " " ]!, ...}]/[Most, Stub]:
              Most "†M" (Stub RestOfLine/AddCrS2)
          }
        | Paragraph)

```

File: ex4.pl

```
Month ← {"Jan" > 01} | {"Feb" > 02} | {"Mar" > 03} | {"Apr" > 04} | {"May" > 05} | {"Jun" > 06} | {"Jul" > 07} | {"Aug" > 08} | {"Sep" > 09} | {"Oct" > 10} | {"Nov" > 11} | {"Dec" > 12};
```

```
Date ← {[integer "-"* , Month "-"* , integer]
        / ([d, m, y] : y m ((d/length/{2}) > d | (0 d)))};
```

```
PFile ← {... <JuniperX>}* (word ">")! ? word (".mesal" number)*};
```

```
Line ← {[PFile " "I* , Date (... "tM")*}];
```

```
Later ← ([f, d] : (((9-Aug-78"/Date) - d)/{"-"...}) > f);
```

```
FtpLog ← " <JuniperX>defs>BTreeDefs.mesa!3 8-Aug-78 18:05:13tM"
" <JuniperX>defs>FilePageUseDefs.mesa!3 8-Aug-78 18:05:07tM"
" <JuniperX>defs>FileSystemDefs.mesa!3 8-Aug-78 18:05:15tM"
" <JuniperX>defs>JuniperFileDefs.mesa!3 8-Aug-78 18:05:18tM"
" <JuniperX>defs>triconprivatedefs.mesa!3 11-Aug-78 11:22:49tM"
" <JuniperX>hes>nelsonenv.mesa!3 4-Aug-78 13:59:26tM"
" <JuniperX>progs>CommonPineCold.mesa!3 11-Aug-78 17:36:24tM"
" <JuniperX>progs>CommonPineHot.mesa!3 11-Aug-78 17:39:58tM"
" <JuniperX>progs>ControlHelper.mesa!3 11-Aug-78 17:41:41tM"
" <JuniperX>progs>eventmanager.mesa!3 11-Aug-78 11:40:39tM"
" <JuniperX>progs>HTABLES.mesa!3 11-Aug-78 11:44:17tM"
" <JuniperX>progs>Intentions.mesa!3 11-Aug-78 16:34:13tM"
" <JuniperX>progs>machinesync.mesa!3 11-Aug-78 16:25:44tM"
" <JuniperX>progs>Vectors.mesa!3 11-Aug-78 16:38:14tM"
" <JuniperX>progs>wdisk.mesa!3 11-Aug-78 18:01:41tM"
" junk tM";
```

```
FtpLog / {Line,I ...*}
// Later
/usort
/ fileList :
```

```
"ftp ivy di/c juniperx ret/c " (fileList ".mesa " / conc) "tM"
```

```
(fileList // { (word ">")! ?* word }
```

```
/ fileList:
```

```
("bravo/z " fileList "tM" /// conc)
```

```
"pressedit foo.press ← " (fileList ".press " / conc) "tM"
```

```
"empres foo.press; delete foo.press)/exec
```

File: ex5.pl

```
(file / lines // {... ({"pattern:"/display/key) ... }) % ("file:"/display/key)
```

File: ex6.pl

```
Files ← dir // {... ".pl"} / sort;
Text ← Files // file// (x:x "↑Z↑M↑L↑M");
(("File: " Files "↑M↑M↑M") Text) / conc / (x: x "↑Z↑M") / write "out.out$";
"Hardcopy out.out$" / exec;
"out.out$" / delete
```


File: ex7.pl

```
Files ← dir // {... ".errlog"*};  
~(Files/isnull) >  
  (((("Bravo/m " Files "; "/conc) " del " (Files ".errlog "/conc) "; compile " ((Files " ")/conc)) / quit)
```

File: ex8.pl

```
dirlength / ([x,y]:[y,x]) / sort / reverse // ([x,y]:[x,1/([y,512]/divide)])
```