

# reading lines from standard input or a two way pipe into an array

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Hi

I'm trying to read the output of 'ls -lartF' into an array, a line into each array element

I've tried to do this in 3 different ways

1. I've managed to do this is using a two way pipe, as follows:

```
#!/bin/ksh

i=0
ls -lartF |&
while read -p line; do
print - "$line"
aline[i]="$line"
let i=i+1
done
```

Is there a way of doing the this without being a smartass (i.e. without two way pipes)

2. In the following way it's all read as a single line into the first array element:

```
#!/bin/ksh

i=0
print -r $(ls -lartF) > tmpshiron
while read -r line; do
print -r "$line"
aline[i]="$line"
let i=i+1
done < tmpfile
rm tmpfile
```

how can I read the output as lines?

is there a way I can read the lines without using a tempfile ???

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3. I've tried (and failed) "feeding" the loop from the subprocess, as follows:

```
while read -r line; do
...
...
done < $(ls -lartF)
```

what is the most straight forward way of doing this?

Thanks  
Shiron

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