



# Tech Info Library

## A/UX: Bourne Shell Resource Loophole

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### Article Change History

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08/31/92 - REVIEWED

- For technical accuracy.

### TOPIC -----

The Bourne Shell has had a well-known and famous resource loophole since version 7. This article describes it.

### DISCUSSION -----

The following line of code starts a big loop that exhausts memory after a while.

```
$<<`ls`
```

This yields messages like "Swap space running out, Needed xx pages", and you have to "kill" the program. The "kill" generates a core file that is LARGE. In most cases, the core file can't be dumped on the file system, due to lack of space.

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