



```
$ cat <<-EOF
```

```
{"name": "$name", "sign": "$sign"}
EOF
{"name": "jes", "sign": "aquarius"}
```

the HEREDOC is more forgivable, but it takes up 2 unnecessary lines, and it's

much harder to recall on-the-fly. and frankly, it looks pretty strange.

and god forbid if you have to use a heredoc in an indented block.

kiss your nice orderly indentation goodbye:

```
if blah; then
    cat <<-EOF
{"name": "$name", "sign": "$sign"}
EOF
fi
```

there is a better way! we just need to bust out our old dusty friend `*printf*`

`printf` offers several advantages over `echo`:

- many languages (C, Go) have a `printf` equivalent, so it feels familiar
- `printf` behavior does not differ across systems (it is posix compliant)
- `printf` handles escape sequences (`printf "hello\nworld\n"`)
- `printf` can trivially handle json

witness, as we print the same json text using `printf`:

```
$ printf '{"name": "%s", "sign": "%s"}' "$name" "$sign"
{"name": "jes", "sign": "aquarius"}
```

& there you have it! nice orderly json using an easy to remember command, with

no-fuss variable injection built-in.

i hope that this tip saves you some pain!

love,
jes

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