

# urandom 随机字符串生成

/dev/urandom 随机字符串生成

1. 使用 tr 和 fold 生成随机字符串

```
$> cat test.sh
#!/bin/bash

random_char=$(cat /dev/urandom | tr -dc 'a-zA-Z0-9' | fold -w 8 | sed 1q)
echo $random_char

$> ./test.sh
Y6cjfCwk
$> ./test.sh
ie3L5AYO
$> ./test.sh
ICEgcZib
```

2. 使用 base64 和 head 生成随机字符串

```
$> cat test.sh
#!/bin/bash

random_char=$(base64 /dev/urandom | head -1)
char=${random_char: -8}
echo $char

$> ./test.sh
Yi9+t7Aa
$> ./test.sh
```

```
/lUAlI2a
```

```
$> ./test.sh
```

```
Tm90lGla
```

## reference

- [https://zetawiki.com/wiki/Bash\\_%EB%9E%9C%EB%8D%A4\\_%ED%8C%A8%EC%8A%A4%EC%9B%8C%EB%93%9C\\_%EC%83%9D%EC%84%B1](https://zetawiki.com/wiki/Bash_%EB%9E%9C%EB%8D%A4_%ED%8C%A8%EC%8A%A4%EC%9B%8C%EB%93%9C_%EC%83%9D%EC%84%B1)

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