

heredoc (docs emblebed)

un *heredoc* es la manera de «embutir» un documento de texto dentro de un script para volcar a nuestro criterio.

ejemplos

el *EOF* usado en los ejemplos no deja de ser una etiqueta, no es mandatory... podríamos usar MITEXTO, la cuestión es definir principio y fin con la misma etiqueta

sintaxis básica

no se permite indentación?

```
#!/bin/bash
OUT=/tmp/output.txt

cat <<EOF
Status of backup as on $(date)
Backing up files $HOME and /etc/
EOF

echo "Starting backup using rsync..."
```

+ indentación natural del doc

permite indentación del documento!

```
#!/bin/bash
OUT=/tmp/output.txt

cat <<-EOF
  Status of backup as on $(date)
  Backing up files $HOME and /etc/
EOF

echo "Starting backup using rsync..."
```

+ no bash expansion

```
#!/bin/bash
OUT=/tmp/output.txt

# No parameter and variable expansion, command substitution, arithmetic expansion,
# or pathname expansion is performed on word.
# If any part of word is quoted, the delimiter is the result of quote removal
# on word, and the lines in the here-document
# are not expanded. So EOF is quoted as follows
cat <<'EOF' >$OUT
```

```
Status of backup as on $(date)
Backing up files $HOME and /etc/
EOF
```

resultado:

```
Status of backup as on $(date)
Backing up files $HOME and /etc/
```

+ redirección (también permite >>)

```
#!/bin/bash
OUT=/tmp/output.txt

cat <<EOF >$OUT
  Status of backup as on $(date)
  Backing up files $HOME and /etc/
EOF
```

en memoria!

```
#!/bin/bash
OUT=/tmp/output.txt

## in memory here docs
## thanks https://twitter.com/freebsdfrau
exec 9<<EOF
  Status of backup as on $(date)
  Backing up files $HOME and /etc/
EOF

## continue
echo "Starting my script..."
echo "Doing something..."

## do it
cat <&9 >$OUT

echo "Starting backup using rsync..."
```

/via: <https://www.cyberciti.biz/faq/using-heredoc-rediection-in-bash-shell-script-to-write-to-file/>

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