

Sixth Session

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Bash Scripting for Audio-Visual Preservation
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Customise

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customise

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Bash environment

`${HOME}/.bash_profile`

`${HOME}/.bashrc`

`${HOME}/.profile`

`${HOME}/.bash_logout`

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Nano

nano --version

```
GNU nano, version 6.1
(C) 1999-2011, 2013-2022 Free Software Foundation, Inc.
(C) 2014-2022 the contributors to nano
Compiled options: --enable-utf8
```

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Nano environment (1)

```
/etc/nanorc
${HOME}/.config/nano
/usr/local/share/nano
```

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Nano environment (2)

```
nanorc
default.nanorc
<syntax>.nanorc

sh.nanorc
```

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Value initialisation

- value passed:
 - at program call
 - interactively when running
- value read from a configuration file
- default value coded in the program

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Exit status

command

echo \$?

- 0 means that the command has succeeded
- a positive integer less or equal to 255 means that an error occurred

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Arrays

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Write to indexed arrays

```
names[1]='Adam'
```

```
names[0]='Eve'
```

```
names=( [1]='Adam' [0]='Eve' )
```

```
names=('Eve' 'Adam')
```

```
names+=('Cain' 'Abel')
```

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Read from indexed arrays

```
${names}
```

```
${names[n]}
```

```
${names[*]}
```

```
${names[@]}
```

```
${#names[*]}
```

```
${#names[@]}
```

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Associative arrays

write

```
declare -A array_name
```

```
id=( [Eve]='1234' [Adam]='5678' )
```

read

```
${id[Eve]}
```

```
${id[Adam]}
```

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