

HW7

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丁.

-在 watched 目錄裡建立檔案: touch a

```
watched/ CREATE a
watched/ OPEN a
watched/ ATTRIB a
watched/ CLOSE_WRITE,CLOSE a
```

-在 watched 目錄裡建立目錄: mkdir b-dir

```
watched/ CREATE,ISDIR b-dir
watched/ OPEN,ISDIR b-dir
watched/ ACCESS,ISDIR b-dir
watched/ CLOSE_NOWRITE,CLOSE,ISDIR b-dir
```

-進入 b-dir : cd b-dir

(inotify 沒有顯示訊息)

-在 b-dir 內建立檔案: touch file_in_bdir

```
watched/b-dir/ CREATE file_in_bdir
watched/b-dir/ OPEN file_in_bdir
watched/b-dir/ ATTRIB file_in_bdir
watched/b-dir/ CLOSE_WRITE,CLOSE file_in_bdir
```

戊. vim file_in_bdir

出現一連串的:

```
watched/ OPEN,ISDIR b-dir
watched/b-dir/ OPEN,ISDIR
watched/ CLOSE_NOWRITE,CLOSE,ISDIR b-dir
watched/b-dir/ CLOSE_NOWRITE,CLOSE,ISDIR
```

再出現:

```

watched/b-dir/ OPEN file_in_bdir
watched/b-dir/ CREATE .file_in_bdir.swp
watched/b-dir/ OPEN .file_in_bdir.swp
watched/b-dir/ CREATE .file_in_bdir.swpx
watched/b-dir/ OPEN .file_in_bdir.swpx
watched/b-dir/ CLOSE_WRITE,CLOSE .file_in_bdir.swpx
watched/b-dir/ DELETE .file_in_bdir.swpx
watched/b-dir/ CLOSE_WRITE,CLOSE .file_in_bdir.swp
watched/b-dir/ DELETE .file_in_bdir.swp
watched/b-dir/ CREATE .file_in_bdir.swp
watched/b-dir/ OPEN .file_in_bdir.swp
watched/b-dir/ MODIFY .file_in_bdir.swp
watched/b-dir/ ATTRIB .file_in_bdir.swp
watched/b-dir/ CLOSE_NOWRITE,CLOSE file_in_bdir
watched/b-dir/ OPEN file_in_bdir
watched/b-dir/ ACCESS file_in_bdir
watched/b-dir/ CLOSE_NOWRITE,CLOSE file_in_bdir
watched/ OPEN,ISDIR b-dir
watched/b-dir/ OPEN,ISDIR
watched/ CLOSE_NOWRITE,CLOSE,ISDIR b-dir
watched/b-dir/ CLOSE_NOWRITE,CLOSE,ISDIR
watched/ OPEN,ISDIR b-dir
watched/b-dir/ OPEN,ISDIR
watched/ CLOSE_NOWRITE,CLOSE,ISDIR b-dir
watched/b-dir/ CLOSE_NOWRITE,CLOSE,ISDIR
watched/b-dir/ MODIFY .file_in_bdir.swp

```

己. cat file_in_bdir

```

watched/b-dir/ OPEN file_in_bdir
watched/b-dir/ ACCESS file_in_bdir
watched/b-dir/ CLOSE_NOWRITE,CLOSE file_in_bdir

```

庚. echo hello >> file_in_bdir

```

watched/b-dir/ OPEN file_in_bdir
watched/b-dir/ MODIFY file_in_bdir
watched/b-dir/ CLOSE_WRITE,CLOSE file_in_bdir

```

辛. sudo inotifywait -m -r /

```

Setting up watches. Beware: since -r was given, this may take a while!
Failed to watch /; upper limit on inotify watches reached!
Please increase the amount of inotify watches allowed per user via `'/proc/sys/fs/inotify/max_user_watches'`.

```