

`#!/bin/sh`

Common shisms

Effective Bourne Shell programming

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Agenda

- **Intros:**
 - Name
 - One word about Open Source
 - Test and [
 - While / read
 - -x and -e
- **Common Idioms**
 - Functions
 - Here documents
 - Case / shift
- **The whole shebang**
 - Rewrite it in rust?
- **Thanks!**

```
cleanup() {  
    rm -rf $tmpdir  
}
```

```
while test -n "$*"; do
    arg=`shift` || break
    case $arg in
        -h|--help)
            usage
            exit 0
            ;;
    esac
done
```

```
cat <<EOF
```

```
Usage: $0 [-r|-t TMPDIR ]
```

```
EOF
```

```
if [ -n "$*" ]; then  
    die illegal command-line option $*  
fi
```

```
while sed 's/#.*//' | read thing url to  
do  
    if [ -z "$thing" ]; then  
        continue  
    fi  
    md5sum $to/$thing  
done < $configfile
```



```
#!/bin/sh -x -e
```


Putting it all together

- `cat ~/.fetch.conf`
- `./fetch`
- `./fetch -r`
- `sh -x ./fetch`
- `sudo install fetch \`
`/usr/local/bin`
- `crontab -e`

