

folder-backup configurable folder backup wrapper

[pknw1logo-white.png](#)

```
/usr/local/bin/folder-backup
```

Custom Backup Script

Custom script using a configurable persistent local config to archive and compress the folder contents while excluding any file/folder patterns

```
#!/bin/bash
TARGET='/dev/shm'
LOGPATH='/dev/shm'

if [[ $# -eq 0 ]]
then
    SOURCE=$(pwd)
else
    SOURCE="$1"
fi

if ! [[ -f "${SOURCE}/.backup-options" ]]
then
    FULL_PATH=$(realpath "${SOURCE}")
    SOURCE_FOLDER=$(echo "${FULL_PATH}" | awk -F/ '{print $NF}')

    touch "${FULL_PATH}/.backup-options"
    cat <<EOF > "${FULL_PATH}/.backup-options"
BACKUP_NAME=${SOURCE_FOLDER}
BACKUP_ROOT=${FULL_PATH}
EXCLUDE=(.git .venv)
DESTINATION=${TARGET}
```

EOF

```
echo "created config file .backup-options - update exclusions"
```

```
cat "${FULL_PATH}/.backup-options"
```

```
else
```

```
    source "${SOURCE}/.backup-options"
```

```
    excludes=()    # start with an empty array
```

```
    for excl in ${EXCLUDE[*]} ; do    # for each extra argument...
```

```
        excludes+=("--exclude "$excl")    # add an exclude to the array
```

```
done
```

```
if [[ -f ${DESTINATION}/${BACKUP_NAME}.tar ]]
```

```
then
```

```
    BACKUP_OPTIONS="uzvf"
```

```
else
```

```
    BACKUP_OPTIONS="czvf"
```

```
fi
```

```
echo $(pwd)
```

```
cat << EOF >> ${LOGPATH}/${BACKUP_NAME}.log
```

```
$(date) start backup
```

EOF

```
tar -${BACKUP_OPTIONS} ${DESTINATION}/${BACKUP_NAME}.tgz ${excludes[@]} * 2>&1 >>
```

```
${LOGPATH}/${BACKUP_NAME}.log
```

```
cat << EOF >> ${LOGPATH}/${BACKUP_NAME}.log
```

```
$(date) end backup
```

EOF

```
fi
```

```
if [ -f ${LOGPATH}/${BACKUP_NAME}.log ]
```

```
then
```

```
tail -n20 ${LOGPATH}/${BACKUP_NAME}.log
```

```
fi
```

execution

- ☐ either change to the directory that is targetted for backup or pass the full path as a paramater
- ☐ 1st run creates the local `.backup-options` file with **no backup**

```
BACKUP_NAME=sso
BACKUP_ROOT=/home/docker/config/sso
EXCLUDE=(.git .venv)
DESTINATION=/dev/shm
```

- ☐ 2nd and subsequent executions read the backup parameters from the config file and tar/compress the backup

further info

<u>Product Home</u>	Link
<u>Documentation</u>	Link
<u>Github</u>	Link
<u>DockerHub</u>	Link
<u>Misc</u>	Link

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