```bash
1  #! /usr/bin/env bash
2  printf "%s\n" "$(date), $(tput bold)${BASH_SOURCE[0]}$(tput sgr0)"
3
4  # Fri Feb 11 10:12:24 MST 2022
5
6  # $ source /repos/github/builds/scripts-docker/kickstarts/ubuntu-kickstart.sh
7
8  # https://askubuntu.com/questions/990823/apt-gives-unstable-cli-interface-warning
9  #  apt is for the terminal and gives beautiful output while ${installer} and apt-cache
10 #  are for scripts and give stable, parsable output.
11
12 # $ docker pull ubuntu:22.04 ; ehecoatlDocker ubuntu:22.04
13 # # apt-get update ; apt-get install -y tzdata
14
15 # docker run -it  -v /Users/dtopa/Dropbox:/Dropbox -v /Volumes/Tlaloc/repos:/repos -v
…  /Volumes/Tlaloc/spacktivity:/spacktivity ubuntu:22.04
16 # docker run -it
17 # -v /Users/dtopa//Dropbox:/Dropbox
18 # -v /Volumes/Tlaloc/repos:/repos
19 # -v /Volumes/Tlaloc/spacktivity:/spacktivity
20 # ubuntu:22.04
21
22 # vim /home/${USER}/.vimrc
23 # export SPACK_PYTHON="/usr/bin/python3.9"
24
25 source /repos/github/builds/scripts-docker/bash-inits/paths.sh
26 source ${repo_scripts_spack}/shared/common-header.sh
27
28 #  #  #  ========================================= declarations begin
29
30 # start timer
31 export ubuntuSECONDS=${SECONDS}
32
33 export dist="ubuntu" ; export release="22.04" ; export tag="${dist}-${release}"
34 export USER="dantopa"
35 export USER="dshan"
36 export installer="apt-get"
37
38 export dump_Results="${repo_results_docker}/${tag}/${ymdtf}"
39 # records time elapsed
40 export timerFile=${dump_Results}/elapsed-time.txt
41
42 #  #  #  ========================================= declarations end
43
44 echo "\${timerFile}=${timerFile}"
45 echo "about to call ${repo_scripts_docker}/kickstarts/installers/${installer}-installs.sh"
46
47 pause
48
49 #  #  #  ========================================= build packages
50
51 source ${repo_scripts_docker}/kickstarts/installers/${installer}-installs.sh
52
53 #  #  #  ========================================= set up for spack
54
55 # tzdata settings: 2, 47
56
57
58 #  #  #  ========================================= set up user ${USER}
59
60 echo ""; echo "Set up user account"
61         echo "adduser ${USER}"
62               adduser ${USER}
63
64         echo "usermod -aG wheel ${USER}"
```

```
65                  usermod -aG wheel ${USER}

66

67          echo "pending: passwd ${USER}"

68

69  echo ""; echo "su - ${USER}"
70      echo "export mySpack=${mySpack}"
71      echo 'export dist="${dist}" ; export release="${dist}" ; export tag="${dist}-${release}"'

72

73  echo ""; echo "Report elapsed time"
74      export ubuntuSECONDS=$((${SECONDS}-${ubuntuSECONDS}))
75      date     >  ${timerFile}
76      echo "" >> ${timerFile}
77      printf 'time to build ubuntu system: %dh:%dm:%ds\n' $((${ubuntuSECONDS}/3600))
 …  $((${ubuntuSECONDS}%3600/60)) $((${ubuntuSECONDS}%60)) | tee -a ${timerFile}

78

79  new_step "$(tput bold)${BASH_SOURCE[0]}$(tput sgr0) script completed at $(date)"

80

81  # passwd root
82  # Changing password for user root.
83  # New password: 8, !A

84

85  #  adduser ${USER}
86  #  usermod -aG wheel ${USER}

87

88  # # passwd ${USER}
89  # Changing password for user ${USER}.
90  # New password: 8, !A

91

92  #  adduser ${USER}
93  #    name
94  #    room number
95  #    phone, office
96  #    phone, desk
97  #    other
98  #
99  # sudo addgroup admin
100 #
101 # sudo addgroup wheel
102 #
103 # usermod -aG wheel ${USER}

104

105 # ubuntu disaster
106 # ~/.spack/bootstrap/config/packages.yaml
107 # change gcc@12.0.1 cxx compiler from null to /usr/bin/g++

108

109 # ==> Installing berkeley-db-18.1.40-bf42xis6fcmsnfqehvzpo2x75ptvwegx
110 #   >> 138    checking whether the C++ compiler supports templates for STL... configure: error: no
111
```