

Documentations on Timezone in Shell Script

Timezone Script Detailed explanation below

```
#!/bin/bash
```

```
DIRECTORY=$(find /usr/share/zoneinfo | timedatectl list-timezones)  
export DIRECTORY  
echo "$DIRECTORY" > /opt/ALL-VAST-tasks/timezone_script/input1.txt
```

- To begin with, we will declare a variable called "DIRECTORY" and in that we will use find for walking a file hierarchy into /usr/share/zoneinfo. The linux command used here is timedatectl. After that, we will export our DIRECTORY.
- In addition to that we will echo by calling our variable "\$DIRECTORY" and store the output into input1.txt file.

```
TIMEDATE=$(sudo timedatectl set-timezone "$1")  
export TIMEDATE  
  
TZ1="$1"  
export TZ1
```

- Here in the above command, we used TIMEDATE as a variable and used "\$1" as a first argument given to a function.
- Next, we will export TZ1 as export is used to ensure the environment variables and functions to be passed to child process.

```
echo "$TIMEDATE" > /opt/ALL-VAST-tasks/timezone_script/input2.txt  
echo "$TIMEDATE"
```

- So, in the above table we've called *TIMEDATE* variable and stored the output in *input2.txt* while echoing the "*\$TIMEDATE*"

```
TIMEDATE_CTL=$(timedatectl)  
export TIMEDATE_CTL  
echo "$TIMEDATE_CTL"  
#> /opt/all_assignments/backup/timezone_ist_script/input3.txt
```

- Likewise, here again declaring the variable *TIMEDATE_CTL* by using Linux command *timedatectl* & exporting it.
- Next, echo "*\$TIMEDATE_CTL*"; the last line is commented (not in use)
- So overall we can get the desired time and date for the region specific we want to.

Detailed Timezone Shell Script given below:

```
#!/bin/bash  
  
DIRECTORY=$(find /usr/share/zoneinfo | timedatectl list-timezones)  
export DIRECTORY  
echo "$DIRECTORY" > /opt/ALL-VAST-tasks/timezone_script/input1.txt  
  
TIMEDATE=$(sudo timedatectl set-timezone "$1")  
export TIMEDATE  
  
TZ1="$1"  
export TZ1  
  
echo "$TIMEDATE" > /opt/ALL-VAST-tasks/timezone_script/input2.txt
```

```
echo "$TIMEDATE"
```

```
TIMEDATE_CTL=$(timedatectl)
```

```
export TIMEDATE_CTL
```

```
echo "$TIMEDATE_CTL"
```

```
#> /opt/all_assignments/backup/timezone_ist_script/input3.txt
```