

# KEYPHRENE ' S BLOG

## Time Left Format Shell function

Time Left Format Shell function (Tutorial Shell function)

```
TimeLeftFormat()
{
# format = d for day, default is hour
sec=$1
format=$2
if [ $format = "d" ]; then
echo $((($sec/86400))d `TimeLeftFormat $((($sec%86400))`
else
echo $((($sec/3600))h $(((($sec%3600)/60))m $(((($sec%3600)%60))s
fi
}

time_left=`TimeLeftFormat 10000`
echo $time_left
# 2h 46m 40s

time_left=`TimeLeftFormat 100000 d`
echo $time_left
# 1d 3h 46m 40s

# Get timestamp with date '+%s'
TIME_START=`date '+%s'`
TIME_END=`date '+%s'`

# Make difference
time_left=$((TIME_END - TIME_START))
time_left=`TimeLeftFormat $time_left`
echo $time_left
```

**TAGS:** Tutorial Shell function time date format