
Subject: Re: running IDL as a 'sleeping' process
Posted by [Vincent Sarago](#) on Tue, 03 Jan 2012 22:20:11 GMT
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As bstecklu said, the best way to do a scheduling task is to combine a cron (unix) + a script calling the IDL procedure

here is an example of script :

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

#Working Directory
DIR=~/.

# IDL directory
IDL="/opt/idl8/idl/bin/idl80"

LOCK=$DIR/.tasklock

# Function to delete the lock file
clean() {
    rm -f ${lock}
}

# cette fonction verifie si les 5 fichiers sont arriv  et lance IDL
dowork () {

FILE=$1

#Start IDL and run program
$IDL -32 -quiet -queue 2>> $DIR/log.txt <<here
restore, '.././directory/project.sav'
spawn, 'echo $file', input
procedure, input
exit
here

}

#when end of script, call clean()
trap clean 0

# if lock found ...
if [ -f ${lock} ]; then
# ... if process is still running ...
    if [ -d /proc/`cat ${lock}` ]; then
```

```
    exit 0
fi
fi

# writing process number in the lock file
echo -n $$ > "$lock"

FIND=$(find $DIR -maxdepth 1 -name 'file.tmp')

echo "$FIND" | while read file; do
    [ -z "$file" ] && continue
    dowork $input
done

# delete lock file
clean
```

vincent
