

Enduro/X Core - Feature #277

housekeep and cron package for enduro/x user app

02/02/2018 01:17 PM - Madars

Status:	New	Start date:	02/02/2018
Priority:	Normal (Code 4)	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			

History

#1 - 02/09/2018 08:37 AM - Madars

This can be written in go.

Cron package: <https://github.com/robfig/cron>

the file mover & archiver could written in go too.

#2 - 02/09/2018 08:51 AM - Madars

```
[@hkeep/1]
scan_folder=${NDRX_APPHOME}/log
scan_mask=*
target_folder=${NDRX_APPHOME}/arcdbg
reqfile_finish=60s
reqfile_mask=
reqfile_folder=${NDRX_APPHOME}/log/req
compress_command=tar -xzf ${filename} ${filename}
# Remove old housekeep records
recycle_exec=cp ${filename} /to/archive
recycle=120d
```

INI:

```
[@excron]
sched load_bins = { "sched": "0 3 * * *", "command":"${NDRX_APPHOME}/bin/som_bin1", "dupstrategy":"skip", cctag="HELLO/TAG",
  env1="SOME_ENV:SOME_VALUE",...env10 }
sched housekeep = { "sched": "0 4 * * *", "command":"${NDRX_APPHOME}/bin/hkeep", "dupstrategy":"ignore" }
```

xadmin commands:

```
ndrx> cron print - list all schedules, when run expected
ndrx> cron stop [-s schedule_name] - stop cron ops (server keeps running). Allow to disable particular schedule.
ndrx> cron reload - load new config for cron ? If possible
ndrx> cron start [-s start_schedule]- start particular schedule or full scheduler
ndrx> cron wait [-s schedule]- wait for existing jobs to finish. This shall perform periodic pings on "@EXCRON001" to wait for tasks to finish. with -s
full schedule may be specified.
```

The cron server shall contain cluster node id in the name. So that in future we might address other node crons.

Go library cron: <https://github.com/robfig/cron>