cmalfroy(https://projects.intra.42.fr/scale_teams/1123596/edit#)

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(https://profile.intra.42.fr/searches) SCALE FOR PROJECT TASKMASTER (HTTPS://PROJECTS.INTRA.42.FR/PROJECTS/TASKMASTER)

You should correct 2 students in this team

Git repository

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Introduction

In order to have a productive and tolerable grading session, we ask that you:

- Stay courteous, polite, respectful and constructive during this session. The bond of trust between members of the 42 community depends on it;
- Take care to show the graded person(s) the problems you notice, and explain them as best you can;
- Accept that there may be differences in interepretation on the featureset and/or what the subject requires. Stay open-minded, try to honestly determine who is right and who is not, and grade accordingly.

Guidelines

Remember that you must ONLY grade what's on the turn-in repository!

You have to "git clone" the repository, and grade what's on it, AND ONLY WHAT IS ON IT.

Attachments

□ Subject (https://cdn.intra.42.fr/pdf/pdf/134/taskmaster.en.pdf)

First and foremost

Preliminary checks

Check the following elements:

- There is something in the git repository
- The Makefile, if applicable, is present and has the required rules
- No unauthorized libraries are used. In this project, the students can use any language they want, and external libraries are only permitted for the sake of parsing the configuration and doing the client/server bonus. Other than that, the limit is the standard library.

If one of these elements is not in confirmity with what the subject requires, the session stops. You may still debate on the project, but you are not to grade the students.

During the rest of this session, if the program has an inappropriate behaviour (Segfault, bus error, double-free, uncaught exception, etc ...), the session stops.

☐ Yes

□ No

Basic features

For this entire section, the students have to PROVE to you that what this grading scale asks is valid for their program. For example, if they cannot show you that programs are indeed restarted when they die, then they do not deserve points on the related question. Repeat, do NOT count a question as true if the students are not able to prove to you that it is. It is a requirement of the subject.

Control shell

he shell allows on	e to start, stop, and restart programs.	
	□Yes	□ No
Configuration fil	le	
or this feature, ex	its running configuration from a config ternal libraries (like yaml parsing libra d in the configuration file are actually l	
	□ Yes	□ No
.ogging		
or this to be true,	ed, stopped, restarted, when they die	re points in the bonus section for this). of distinct events taken into consideration: When unexpectedly, when the project aborts starting them
	□ Yes	□ No
Hot-reload		
When the reload to configuration. How	akes effect, the running state of the pro	running, both with a SIGHUP and with a shell command. ogram has to be altered to conform to the new by the configuration change must not be restarted in any
	□ Yes	□ No
or this section, ear tudents must show		ration option that is required by the subject. The on scheme is concerned, and then show you that it works
For this section, ear students must show as requested.	ch question regards a specific configu	
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For this section, eactudents must show as requested. Command used Number of proc	ch question regards a specific configuration you which option in their configuration to launch the program	n scheme is concerned, and then show you that it works □ No □ No
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For this section, east tudents must show as requested. Command used Number of proc. Whether the proc.	ch question regards a specific configuration you which option in their configuration to launch the program Yes esses to start and keep running Yes Ogram should automatically be so	n scheme is concerned, and then show you that it works □ No □ No tarted at launch or not □ No ver, or only on unexpected exit

	□Yes	□No
low many time	es to attempt restarting the progre	am before aborting
	□Yes	□ No
Vhich signal sh	nould be used to gracefully stop th	e program
	□Yes	□ No
ow long to w	ait after a graceful stop attempt b	efore killing the program
	□ Yes	□ No
ption to redir	ect stdout/stderr to a file or to dis	card them
	□Yes	□No
nvironment vo	ariables to set for this program	
	□Yes	□No
orking direct	ory for this program	
	□Yes	□ No
mask for this	program	
	□Yes	□ No
ests		
ests		
oes the program	stand up to a variety of tests?	
Kill a supervised	by trying the following: process, and check that it does restart a process that only ever exits with an erro	utomatically or, and check that it is indeed aborted after a set
umber of retries ou should then tr onflict between y		to make the program behave erratically. If there is a es a reasonable test, the one with the baseball bat is
umber of retries ou should then tr onflict between y ght.		es a reasonable test, the one with the baseball bat is

Bonuses

Count 1 for each distinct, correctly implemented, and at least vaguely useful bonus feature.

Here are the ones suggested by the subject:

- Privilege de-escalation on launch (allows a program to run as a specific user)
- Client/server architecture like supervisor (Main program is a daemon that actually does the work, and a separate program communicates with it via unix/tcp sockets or another method to provide the control shell)
- More advanced logging/reporting facilities (Email, http, syslog, whatever)
- Option to "attach" a supervised process to the current console, in the fashion of screen or tmux (Counts for 2!)

Of course, any other bonus that the students decided to implement counts as well.

Rate it from 0 (failed) through 5 (excellent)

Ratings

Don't forget to check the flag corresponding to the defense

□ Ok			□ Outstanding project			
□ Empty work	□ Incomplete work	□ No author file	W Invalid compilation	□Norme	□ Cheat	
d Crash			□ Leaks			

Conclusion

Leave a comment on this evaluation

Finish evaluation