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SCALE FOR PROJECT LITTLE-PENGUIN-1 (/PROJECTS/LITTLE-PENGUIN-1)

Introduction

To ensure this evaluation goes smoothly, please respect the following set of rules:

- Please remain courteous, polite, respectful and constructive at all times during this exchange. The trust bond between the school's community and yourself depends on it.
- Should you notice any malfunctions within the submitted project, make sure you take the time to discuss those with the student (or group of students) being graded.
- Keep in mind that some subjects can be interpreted differently. If you come accross a situation where the student you're grading has interpreted the subject differently than you, try and judge fairly whether their interpretation is acceptable or not, and grade them accordingly. Our peer-evaluation system can only work if you both take it seriously.

Guidelines

- You may only evaluate whatever is in the GiT submission directory of the student you are grading.
- Make sure to check wether the GiT submission directory belongs to the student (or group) you're grading, and that it's the right project.
- Make sure no mischievous aliases have been used to trick you into correcting something that is not actually in the official submitted directory.

- Any script created to make this evaluation session easier - whether it was produced by you or the student being graded - must be checked rigorously in order to avoid bad surprises. - If the student who is grading this project hasn't done the project him/herself yet, he/she must read the whole topic before starting the evaluation session. - Use the flags available to you on this scale in order to report a submission directory that is empty, non-functional, that contains a norm errors or a case of cheating, etc... In this case, the evaluation session ends and the final grade is 0 (or -42, in case of cheating). However, unless the student has cheated, we advise you to go through the project together in order for the two (or more) of you to identify the problems that may have led for this project to fail, and avoid repeating those mistakes for future projects. - This evaluation must be made in the student's home-made linux distribution. **Attachments** Subject (https://cdn.intra.42.fr/pdf/pdf/3956/little_penguin_1.en.pdf) **Assignment 00 Kernel Origin** Is the kernel from git://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git? Check the log file too see if it match. ✓ Yes \times No Configuration Check the CONFIG_LOCALVERSION_AUTO in the config file. It must be enabled. \times No

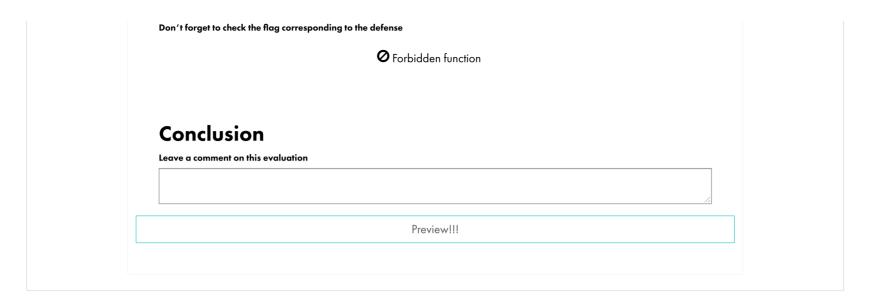
✓ Yes

Hard stuff		
Compile, insert and remove the module. Check the kernel log too see if the module is correct. (cf Subject)		
	✓ Yes	imesNo
Assignment ()2	
Hard stuff		
Compile, insert and remove th	e module. Check the kernel log too	see if the module is correct. (cf Subject)
	✓ Yes	\times_{No}
Assignment C	13	
	ne. Is thor_kernel in ?	
Check the log for the version li		
Check the log for the version li	✓ Yes	×No
Check the log for the version li	✓ Yes ✓ Yes	×No
We love patches Check the patch in the student	's git. Is it standard & working ? (cf S	

Love pedantic			
Check the coding style of the file. (There is a script for that.) /usr/src/linux-4.x/scripts/checkpath.pl file.c -no-tree -filestrict Check the debugs level too (info must remain info, debug must remain debug.)			
	⊗ Yes	×No	
Assignment	05		
A keyboard? What for	?		
Ask the student to explain hills it working great?	is rule_file, how it's working. The studen	t must do a demo of his module.	
	⊗ Yes	$ imes_{No}$	
Assignment	06		
A real kernel developer			
Is the misc_device /dev/fo	rtytwo created on insertion and deleted	d when the module is removed ?	
		imesNo	
readFTW			
Do the following tests: - cat /dev/fortytwo must re - echo 123 > /dev/fortytwo - echo student_id > /dev/fo	o must return an error 'Invalid argument	,	

Terminator				
Is the kernel a linux-next one ? Ask the student what's the difference between the mainline and a linux-next kernel. It's not that hard. all.				
⊗ Yes	imesNo			
Assignment 08				
Creation and Deletion				
Is the directory /sys/kernel/debug/fortytwo cr Are the files foo, id and jiffies in it ?	eated on insertion and deleted on removal ?			
	imesNo			
ld				
The id file should have the same behavior as Ass	ignment 05. Test it !			
⊘ Yes	imesNo			
Jiffies				
Test the write on the file, should come with an eri Test the read, should return the numbers of tick si				
⊘ Yes	imesNo			
Fly, you foo				

	⊘ Yes	XNo
Assignmen	t 09	
Coding style, again ?!		
Check the coding style of Same as ex03.	the student code.	
		imesNo
Indiana Jones Theme		
Check the behavior of the The misc file should read c (123 > 321)	student code. I value, and the reversed value should be retu	rned on read.
	⊗ Yes	imesNo
Assignmen	1 10	
Almost real		
Check the behavior of stud	dent module. c entry (/proc/mymounts) me with mount point on read.	



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