

Group 2Students 84075 84151

Grade \_\_\_\_\_

Student should fill the **Concluded/Correct** percentage

Minimum functionality enough to pass	10 Values	Concluded/Correct ( <u>100</u> %)
Implementation of a clipboard that accepts multiple simultaneous local connections: clipboard_connect, clipboard_copy, clipboard_paste	Tudo a funcionar de acordo com o enunciado.	
<b>Synchronization</b>	+1 value	Concluded/Correct ( <u>100</u> %)
Definition of the various critical regions and implementation of correct synchronization	Uso de read-write locks e mutex	
<b>Efficient synchronization</b>	+1 value	Concluded/Correct ( <u>90</u> %)
Implementation of synchronization on the critical regions guaranteeing that they are the shortest possible	Presença de zonas críticas extensas.	
<b>Clipboard_wait</b>	+1 value	Concluded/Correct ( <u>100</u> %)
Correct implementation of the clipboard_wait function	Funciona de acordo com o enunciado	
<b>Connection to another clipboard</b>	+1 value	Concluded/Correct ( <u>100</u> %)
Implementation of the -c option, basic replication of the data among the various clipboards Detection of disconnect e correct execution afterwards	Command line igual ao enunciado Correta implementação da árvore	
<b>Correct replication among clipboards</b>	+1 value	Concluded/Correct ( <u>95</u> %)
Implementation of a correct synchronization algorithm that guarantees the consistency of the data when two simultaneous copies occur in different clipboards	Hipótese o programa tornar-se lento em condições de teste extremas	
<b>Errors treatment</b>	+1 value	Concluded/Correct ( <u>95</u> %)
Verification, correction and report of communication errors Verification, correction and report of execution errors on the clipboards	Existem zonas do código onde a função de limpeza não pode ser chamada	
<b>Correct Resources management</b>	+1 value	Concluded/Correct ( <u>95</u> %)
Correct management (destruction) of threads, sockets, memory	Devido à incorreta limpeza de memória (em alguns casos) pode haver erros com a execução em Valgrind	
<b>Code structure</b>	+1 value	Concluded/Correct ( <u>95</u> %)
<b>Report</b>	+1 value	Concluded/Correct ( ____ %)
<b>Discussion</b>	+1 value	Concluded/Correct ( ____ %)
<b>Incorrect implementation of the API</b>	-1..0 values	Concluded/Correct ( ____ %)