

Group 22 Students 84000 84106 Grade

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

Minimum functionality enough to pass	10 Values	Concluded/Correct (<u>95</u> %)
Implementation of a clipboard that accepts multiple simultaneous local connections: clipboard_connect, clipboard_copy, clipboard_paste		
Synchronization	+1 value	Concluded/Correct (<u>100</u> %)
Definition of the various critical regions and implementation of correct synchronization		
Efficient synchronization	+1 value	Concluded/Correct (<u>90</u> %)
Implementation of synchronization on the critical regions guaranteeing that they are the shortest possible		
Clipboard_wait	+1 value	Concluded/Correct (<u>100</u> %)
Correct implementation of the clipboard_wait function		
Connection to another clipboard	+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		
Correct replication among clipboards	+1 value	Concluded/Correct (<u>100</u> %)
Implementation of a correct synchronization algorithm that guarantees the consistency of the data when two simultaneous copies occur in different clipboards		
Errors treatment	+1 value	Concluded/Correct (<u>85</u> %)
Verification, correction and report of communication errors Verification, correction and report of execution errors on the clipboards		
Correct Resources management	+1 value	Concluded/Correct (<u>70</u> %)
Correct management (destruction) of threads, sockets, memory		
Code structure	+1 value	Concluded/Correct (<u>95</u> %)
Report	+1 value	Concluded/Correct (<u> </u> %)
Discussion	+1 value	Concluded/Correct (<u> </u> %)
Incorrect implementation of the API	-1..0 values	Concluded/Correct (<u>100</u> %)

Architecture and components

Communication protocol

Resources management

Critical regions

Synchronization

Replication

Error management

Code Structure