



NC STATE UNIVERSITY

Message Board

Course: CSC501 - 001
Forum: PA3 discussion[Go to: Different Course](#) | [Forum List](#) | [Topic List](#)**Author****Topic: release_bs() functionality****adhanas**Wed Mar 19 21:03 

I understand that a call to release_bs() will free the BS. Now,
1. What if one process does a release_bs() when the BS is shared among more than one process? Should we error out or unmap the caller's mapping alone or release the BS?
2. Can release_bs() be called from a process that is using a vheap()?

wzhang27Wed Mar 19 22:26 

1. in 7) of the FAQ, it says,
No backing store will be shared across processes.
so, you don't have to worry about sharing BS.

2). yes. if you release a BS before you finish using it, the following operation on that release BS should fail

wzhang27Wed Mar 19 23:42 

sorry, to make it clear

1. no sharing BS only applies to the private heap.

you could release a BS, and the following operation on that BS should fail

adhanasThu Mar 20 11:07 

-->"you could release a BS, and the following operation on that BS should fail"

Say, two processes, procA and procB are sharing BS0. If procB happens to do a release_bs(BS0), then all subsequent calls related to BS by either procA or procB should fail.

Is this what you're saying?

wzhang27Thu Mar 20 11:17 

yes, that's what I mean

wzhang27 Thu Mar 20 12:05 

to correct it,
If procB happens to do a release_bs(BS0), then all following calls
related to BS by procB should fail. not Process A

rsinghc Tue Mar 25 21:16 

Hello wzhang,

it is said in one of the posts that BS will not be shared among two
processes. do we still need to take care about this condition??,

Regards-
Rituraj

wzhang27 Tue Mar 25 21:53 

@rsinghc:
no sharing BS only applies to the private heap.
you could refer to FAQ7 for the example of sharing BS

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