

```

[Sat Mar 16 04:46:46 2024] Demo Module loaded!
[Sat Mar 16 04:46:46 2024] Proc file 'avm_proc_file' initialized
[Sat Mar 16 04:46:46 2024] Timer initialized
[Sat Mar 16 04:46:48 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:50 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:51 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:52 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:54 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:55 2024] READ: User is reading 20 bytes
[Sat Mar 16 04:46:55 2024] ... storage empty
[Sat Mar 16 04:46:55 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:56 2024] Timer callback (1000 ms):
[Sat Mar 16 04:46:58 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:00 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:02 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:03 2024] WRITE: User has written 18 bytes: w1 w2 , w3 w4 w5
[Sat Mar 16 04:47:03 2024] Linked list elements:
[Sat Mar 16 04:47:03 2024] ... word_th: 0, word: w1
[Sat Mar 16 04:47:03 2024] ... word_th: 1, word: w2
[Sat Mar 16 04:47:03 2024] ... word_th: 2, word: w3
[Sat Mar 16 04:47:03 2024] ... word_th: 3, word: w4
[Sat Mar 16 04:47:03 2024] ... word_th: 4, word: w5
[Sat Mar 16 04:47:05 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:47:06 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:47:08 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:47:09 2024] READ: User is reading 20 bytes
[Sat Mar 16 04:47:09 2024] ... Calculate bytes to read 19: len (20) (storage_len
- (size_t)*off) (19)

[Sat Mar 16 04:47:09 2024] copy_to_user done!!!
[Sat Mar 16 04:47:10 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:47:11 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:47:16 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:47:18 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:47:19 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:47:21 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:47:23 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:47:25 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:47:25 2024] WRITE: User has written 4 bytes: ,:
[Sat Mar 16 04:47:25 2024] Linked list elements:
[Sat Mar 16 04:47:26 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:28 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:30 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:31 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:33 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:35 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:36 2024] READ: User is reading 20 bytes
[Sat Mar 16 04:47:36 2024] ... Calculate bytes to read 5: len (20) (storage_len
- (size_t)*off) (5)

[Sat Mar 16 04:47:36 2024] copy_to_user done!!!
[Sat Mar 16 04:47:37 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:38 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:40 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:41 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:43 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:45 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:46 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:48 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:50 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:52 2024] Timer callback (1000 ms):

```

```
[Sat Mar 16 04:47:54 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:56 2024] Timer callback (1000 ms):
[Sat Mar 16 04:47:58 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:00 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:01 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:04 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:06 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:11 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:13 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:15 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:17 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:20 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:21 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:23 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:25 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:26 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:27 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:30 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:31 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:33 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:35 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:37 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:40 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:41 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:43 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:46 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:48 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:50 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:51 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:52 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:54 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:56 2024] Timer callback (1000 ms):
[Sat Mar 16 04:48:58 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:00 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:02 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:04 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:06 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:08 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:10 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:12 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:15 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:17 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:19 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:21 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:26 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:28 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:30 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:32 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:35 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:36 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:37 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:37 2024] READ: User is reading 20 bytes
[Sat Mar 16 04:49:37 2024] ... Calculate bytes to read 5: len (20) (storage_len
- (size_t)*off) (5)
[Sat Mar 16 04:49:37 2024] copy_to_user done!!!
[Sat Mar 16 04:49:39 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:41 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:43 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:44 2024] Timer callback (1000 ms):
[Sat Mar 16 04:49:46 2024] Timer callback (1000 ms):
```

[illegible]

```
[Sat Mar 16 04:51:14 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:16 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:18 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:20 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:26 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:28 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:30 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:31 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:32 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:33 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:34 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:35 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:36 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:37 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:38 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:39 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:40 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:41 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:42 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:43 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:44 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:45 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:46 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:47 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:48 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:49 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:50 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:51 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:52 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:53 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:54 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:55 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:56 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:57 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:58 2024] Timer callback (1000 ms):
[Sat Mar 16 04:51:59 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:00 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:01 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:02 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:03 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:05 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:06 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:07 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:08 2024] Timer callback (1000 ms):
[Sat Mar 16 04:52:08 2024] WRITE: User has written 18 bytes:  w1 w2 ,  w3 w4 w5
[Sat Mar 16 04:52:08 2024] Linked list elements:
[Sat Mar 16 04:52:08 2024] ... word_th: 0, word: w1
[Sat Mar 16 04:52:08 2024] ... word_th: 1, word: w2
[Sat Mar 16 04:52:08 2024] ... word_th: 2, word: w3
[Sat Mar 16 04:52:08 2024] ... word_th: 3, word: w4
[Sat Mar 16 04:52:08 2024] ... word_th: 4, word: w5
[Sat Mar 16 04:52:09 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:52:10 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:52:11 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:52:12 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:52:13 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:52:14 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:52:15 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:52:16 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:52:17 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
```

[illegible]


```
[Sat Mar 16 04:53:25 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:53:26 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:53:27 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:53:28 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:53:29 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:53:30 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:53:31 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:53:32 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:53:33 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:53:34 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:53:35 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:53:36 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:53:37 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:53:38 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:53:39 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:53:40 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:53:46 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:53:48 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:53:50 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:53:52 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:53:54 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:53:56 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:53:57 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:54:01 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:54:03 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:54:04 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:54:05 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:54:06 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:54:07 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:54:08 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:54:09 2024] Timer callback (1000 ms): Word_th (4) = ### w5 ###
[Sat Mar 16 04:54:10 2024] Timer callback (1000 ms): Word_th (0) = ### w1 ###
[Sat Mar 16 04:54:11 2024] Timer callback (1000 ms): Word_th (1) = ### w2 ###
[Sat Mar 16 04:54:12 2024] Timer callback (1000 ms): Word_th (2) = ### w3 ###
[Sat Mar 16 04:54:13 2024] Timer callback (1000 ms): Word_th (3) = ### w4 ###
[Sat Mar 16 04:54:13 2024] Module is being unloaded ...!
[Sat Mar 16 04:54:13 2024] ... Clearing resources ...

[Sat Mar 16 04:54:13 2024] Module unloaded!
```