

カーネル空間 (swap_info)

struct swap_header *swphdr	
struct swap_areainfo *swap_info	
struct swap_areainfo *mlock_info	
struct arealist	*head
swap_area	*tail
	count(n)
struct arealist	*head
arealist	*tail
mlock_area	count(m)
	*from
struct mlockcntnr	ccount
mlock_container	*cur
char *swapfname	
char *udata_buf	
size tubuf size	
size tubuf allocated	

filename (2)

swapファイル(5)(18)

struct swap_header	char magic[16]
	char version[16]
	int count_sarea
	int count_marea
struct swap_areainfo (swap_info[0])	start
	end
	pos
	flag
:	
struct swap_areainfo (swap_info[n])	start
	end
	pos
	flag
struct swap_areainfo (mlock_info[0])	start
	end
	pos
	flag
:	
struct swap_areainfo (mlock_info[m])	start
	end
	pos
	flag
swap_area[0]	
:	
swap_area[n]	

作業領域

udata_buf (3)

(4) struct areaint (swap_arealist(1))	*next
	count
	struct (7) start
	addrpair [0] end flag
:	
(4) struct Areaent (mlock_arealist(1))	start
	end
	count
	*next=0
(6) struct addrpair [0]	start
	end
	flag
	:
(8) struct swap_areainfo (swap_info[0])	start
	end
	pos
	flag
:	
(9) struct swap_areainfo (swap_info[n])	start
	end
	pos
	flag
:	
(10) struct swap_areainfo (mlock_info[0])	start
	end
	pos
	flag
:	
(10) struct swap_areainfo (mlock_info[m])	start
	end
	pos
	flag
:	
(10) struct swap_header	char magic[16]
	char version[16]
	int count_sarea
	int count_marea

ユーザ空間

buffer	
:	
swap_area[0]	
:	
mlock_area[0]	
:	
mlock_area[m]	
:	
swap_area[n]	
:	

凡例

- ポインタ
- ファイル出力
- データコピー