

## SHMGET

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Id dell'area allocata, - 1 se errore

`int shmget(key_t key, size_t size, int shmflg);`

chiave dell'area  
allocata o da allocare  
(numero intero)

Dimensione dell'area  
da allocare

Diritti di accesso e  
opzioni

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## SHMAT

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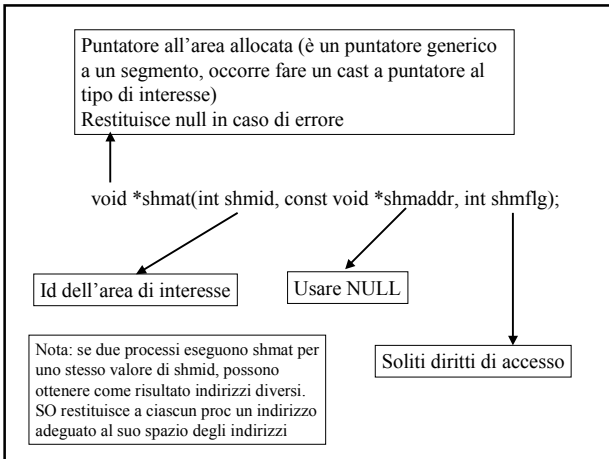
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Esempio d'uso di shmget

```
int shmid;
float *area_condivisa;

/*
 * il proc richiede l'allocazione di un'area adatta a
 * contenere 10 float
 */
shmid = shmget(mia_chiave, sizeof(float) * 10, myflag);

/* il processo si aggancia all'area allocata */
area_condivisa = (float *)shmat(shmid, NULL, myflag);

/* accesso all'area come a un vettore di 10 float */
area_condivisa[2] = 3.14;
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SHMDT

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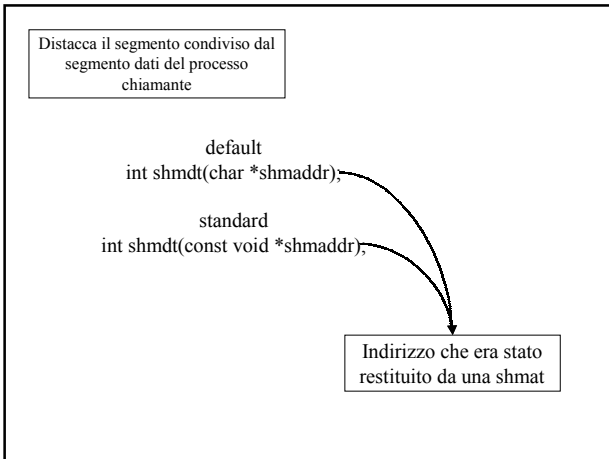
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SHMCTL

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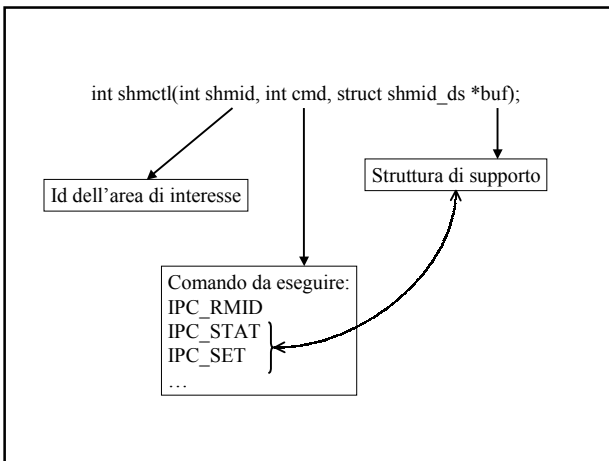
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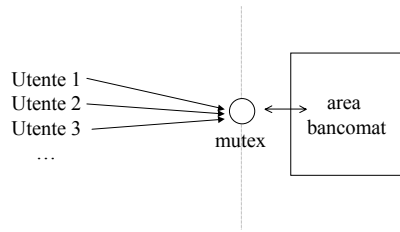
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Di solito l'accesso alla memoria condivisa è controllato tramite semafori (ad esempio un semaforo di Mutua Esclusione)



Un utente entra, gli altri rimangono sospesi finché l'utente che è passato non esce. Non necessariamente li utenti entrano nello stesso ordine con cui sono arrivati

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