Shared memony. YOUVA Shared memory allows 2 or more processes to whom a memory region or degment of memory turneading and writing purposes. The problem with pipes, fip & menagequeues is that made switches are involved as the data has to pan from one process buffer to the kennel buffer of then to another procur byffer. -) since, accento usu space momony does not marine a mode switch, therefore, thered morning is wrightened as army of the quickest means of IPC. int shanget (Key t Key, site-t site, ind shanfly) -) Shonget () creates a new Moned memory regment on Obtains atte identifies of an enisting regment. The contents if a newly created shared memory regment were initialised to 0. The neturn value of isth I b of the shared meman segment. 2nd angument site specifies the desired site of the segment in bytes. Kennel ground it up to the next multiple of the system page site. If shaed memory is already created then this paramende has no significance. Shortlag is ter permission Bwan A Shared Proun B

wid & Shmat (int shmid, const void & shmadds, ind shmits) -) Show attach functions system call attaches the shared memory segment identified by should to the address space of the Calling process. Calling procen. - Show add is the address where the menny segment will be attached. If we want the US kenned to select the suitable address, we reapist NULL) Show fly is for permission. U for were read-write accom -) on succes, the fine setung the address at which the Shared memory segment is attached, which and theaded Should int Shoult (work viid + Shouadan) I when a prous no longe needs atoquan the Shared memory segment, it can call shoulf () to detach the regment from its address space. 1) Shmadd - it should be the returned value by a previous (all to Mnat () as deleting it. Deletion can be performed using the shorethe). I a dila created by fork () inherits its parent's attached shared memory regreats. They, Where I memory provides as easy method of TDC between parent a child. However, alle an enece), all attached thesed memony segments are detached.

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