

```
/*  
 * the pgd page can be thought of an array like this: pgd_t[PTRS_PER_PGD]  
 *  
 * this macro returns the index of the entry in the pgd page which would  
 * control the given virtual address  
 */  
#define pgd_index(address)  ( ((address) >> PGDIR_SHIFT) & (PTRS_PER_PGD-1) )
```