Subject: [PATCH] IA64: virt_to_page() can be called with NULL arg
Posted by Kirill Korotaev on Mon, 18 Dec 2006 12:03:23 GMT
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[IA64] virt_to_page() cannot be called with NULL (mainstream bug)

It does not return NULL when arg is NULL.

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```
--- linus-2.6.git/include/asm-ia64/pgalloc.h.orig 2006-12-18 14:59:09.000000000 +0300
+++ linus-2.6.git/include/asm-ia64/pgalloc.h 2006-12-18 15:07:44.000000000 +0300
@@ -137,7 +137,8 @@ pmd_populate_kernel(struct mm_struct *mm
 static inline struct page *pte_alloc_one(struct mm_struct *mm,
       unsigned long addr)
 {
- return virt_to_page(pgtable_quicklist_alloc());
+ void *pg = pgtable_quicklist_alloc();
+ return pg ? virt_to_page(pg) : NULL;
 }

 static inline pte_t *pte_alloc_one_kernel(struct mm_struct *mm,
```