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/**
 * list_for_each_entry - iterate over list of given type
 * @pos: the type * to use as a loop counter.
 * @head: the head for your list.
 * @member: the name of the list_struct within the struct.
 */
#define list_for_each_entry(pos, head, member) \
    for (pos = list_entry((head)->next, typeof(*pos), member); \
         prefetch(pos->member.next), &pos->member != (head); \
         pos = list_entry(pos->member.next, typeof(*pos), member))

```