|  |  |
| --- | --- |
| **define:** GetProtectedFieldAccess(*var\_node*, *lock\_node*, *alias\_graph*) | |
| 1:  2:  3:  4:  5:  6:  7: | *ancestor\_node* := GetCommonAncestor(*var\_node*, *lock\_node*);  **if** *ancestor\_node* is NULL **then**  **return** <NULL, NULL>;  **end if**  *var\_field* := GetAccessPath(*ancestor\_node*, *var\_node*);  *lock\_field* := GetAccessPath(*ancestor\_node*, *lock\_node*);  return <*var\_field*, *lock\_field*>; |