|  |  |
| --- | --- |
| **define:** UpdateLockSet(*inst*, *lock\_set*, *alias\_graph*) | |
| 1:  2:  3:  4:  5:  6:  7:  8: | *lock\_var* := GetOperand(*inst*);  *lock\_node* := GetAliasNode(*lock\_var*, *alias\_graph*);  **if** *inst* is a lock opeartion **then**  insert *lock\_node* into *lock\_set*;  **else if** *inst* is an unlock opeartion **then**  remove *lock\_node* from *lock\_set*;  **end if**  **return** *lock\_set*; |