

CFL-III-InterProcedure

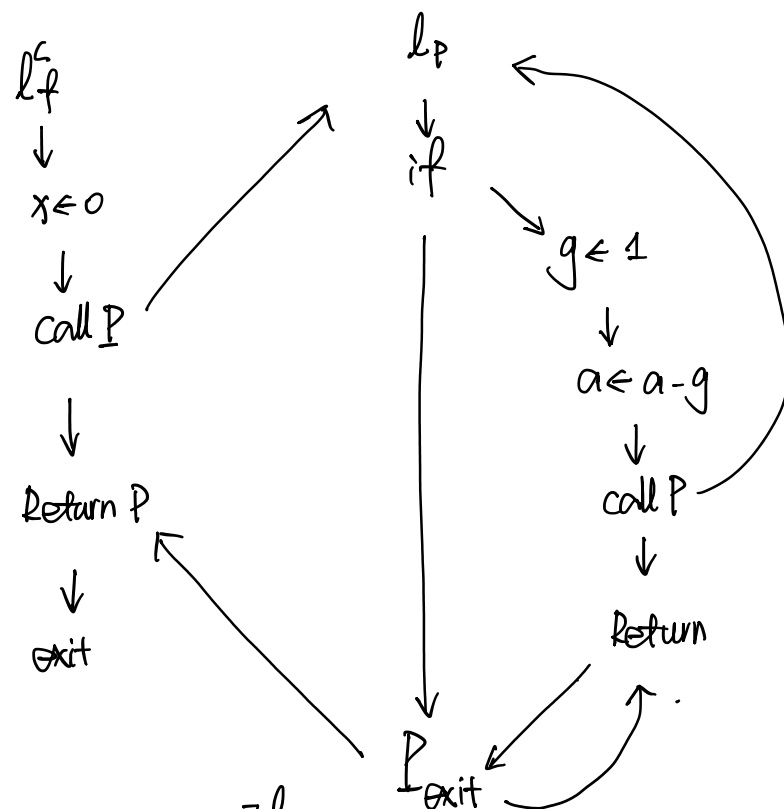
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9:06 AM

CFL - Reachability : labels of edges composing into a matched word

Example: $f : x \leftarrow 0$
 $\text{call } P(x).$

$P(x) : (a)$
 $\text{if } (a > 0)$
 $\text{then } g \leftarrow 1$
 $a \leftarrow a - g$
 $\text{call } (P)$
 else skip



\Rightarrow Restricted finite walk:

(v_i, \dots, v_n) . $[\text{call } P]^l$ occurrence some time as $[\text{Return } P]^l$

can generalize to.