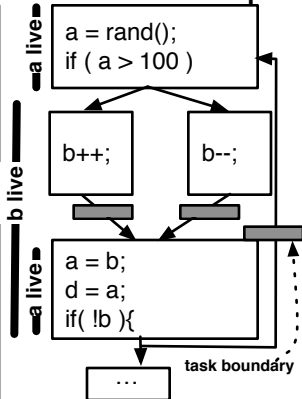


## Source Code

```
while( true ){  
  a = rand();  
  if ( a > 100 )  
    b++;  
  else  
    b--;  
  a = b;  
  d = a;  
  if ( !b ) break;  
}  
...
```

## Control-flow Graph



## Coala Compiled

```
task t0{  
  int a = rand();  
  if (a > 100){  
    int t = RVAR(p_b)  
    t++; WVAR(p_b,t)  
  }else{  
    int t = RVAR(p_b)  
    t--; WVAR(p_b,t)  
    next_task t1; }  
}
```

```
pvar int p_b;
```

```
task t1{  
  int a = RVAR(p_b);  
  int d = a;  
  if (!RVAR(p_b))  
    next_task t0;  
  ... }  
}
```