

PDG Example

Sunday, February 11, 2024 9:18 PM

```
fn main() -> int {  
  let i:int, j:int, x:int, y:int, z:int, tmp:int
```

entry:

```
  x = $call_ext input()  
  y = $copy 0  
  z = $copy 1  
  i = $copy 0  
  j = $copy 1  
  $jump loop_hdr
```

loop_hdr:

```
  tmp = $cmp lt i x  
  $branch tmp loop_body exit
```

loop_body:

```
  y = $arith add y 2  
  z = $arith mul z j  
  i = $arith add i 1  
  j = $arith add j 2  
  $jump loop_hdr
```

exit:

```
  $ret y
```

```
}
```

