

IRTRACKER'S RESULT

```
julia> @code_ir f(true)
1: (%1, %2)
   br 2 unless %2
   return 1
2:
   return 0
```

```
julia> @code_ir (x -> f(true) + x)(1)
1: (%1, %2)
   %3 = Main.f(true)
   %4 = %3 + %2
   return %4
```

```
julia> track(x -> f(true) + x, 1)
<var"#7#8"()>(<1>, ())... → 2::Int64
[ @1: [Arg:$1:%1] var"#7#8"():var"#7#8"
  @2: [Arg:$1:%2] 1::Int64
  @3: [$1:%3] <f>(<true>, ())... → 1::Int64
  { @1: [Arg:$1:%1] @3#1 → f::typeof(f)
    @2: [Arg:$1:%2] @3#2 → true::Bool
    @3: [$1:&2] return <1>
  }
  @4: [$1:%4] <+>(@3, @2, ())... → 2::Int64
  { @1: [Arg:$1:%1] @4#1 → +::typeof(+)
    @2: [Arg:$1:%2] @4#2 → 1::Int64
    @3: [Arg:$1:%3] @4#3 → 1::Int64
    @4: [$1:%4] <add_int>(@2, @3) → 2::Int64
    @5: [$1:&1] return @4 → 2::Int64
  }
  @5: [$1:&1] return @4 → 2::Int64
```