```
    Extra argument for the recorder object

1: (%4, %5, %1, %2, %3)
                                      — Original IR, stored in recorder
 %6 = saveir!(%5, <original IR>)
 %7 = TapeConstant(%1)
 %8 = trackedargument(%5, %7, nothing, 1, $(QuoteNode(§1:%1)))
 %9 = record!(%5, %8)
 %10 = TapeConstant(%2)
                                                                              All arguments are
 %11 = trackedargument(%5, %10, nothing, 2, $(OuoteNode(§1:%2)))
                                                                              recorded as constants
 %12 = record!(%5, %11)
                                                                              in special nodes
 %13 = TapeConstant(%3)
 %14 = trackedargument(%5, %13, nothing, 2, $(QuoteNode(§1:%3)))
 %15 = record!(%5, %14)
 %16 = TapeConstant(Main.rand)
                                                                          1: (%1, %2, %3)
                                                                            %4 = Main.rand()
 %17 = Base.tuple()
                                                                            %5 = %4 < %3
 %18 = trackedcall(%5, %16, %17, $(QuoteNode(§1:%4)))
                                                                            br 2 unless %5
 %19 = record!(%5, %18)
                                                                            return %2
 %20 = TapeConstant(Main.:<)
 %21 = trackedvariable(%5, $(QuoteNode(%4)), %19)
 %22 = trackedvariable(%5, $(OuoteNode(%3)), %3)
 %23 = Base.tuple(%21, %22)
                                                                       lumps and returns are passed
 %24 = trackedcall(%5, %20, %23, $(QuoteNode(§1:%5)))
                                                                        down to the next block
 %25 = record!(%5, %24)
 %26 = Base.tuple()
 %27 = trackedvariable(%5, $(QuoteNode(%5)), %25)
 %28 = trackedjump(%5, 2, %26, %27, $(QuoteNode(§1:&1)))
 %29 = trackedvariable(%5, $(QuoteNode(%2)), %2)
 %30 = trackedreturn(%5, %29, $(QuoteNode(§1:&2)))
 br 2 (%28) unless %25
                                                   First function argument
                            Actual jump is recorded
 br 3 (%2, %30)
                           in target block
                                                          Function argument tuple
2: (%31)
                                                          (second argument is a constant)
                                    Called function
 %32 = record!(%5, %31)
 %33 = TapeConstant(Main.:+) ◀
                                                                      Function call expression
 %34 = trackedvariable(%5, $(QuoteNode(%2)), %2)
 %35 = Base.tuple(%34, \$(QuoteNode((1)))) 
 %36 = trackedcall(%5, %33, %35, $(QuoteNode(§2:%6))) <
 %37 = record!(%5, %36)
                                                                         SSA statements are translated
 %38 = TapeConstant(Main.geom)
                                                                         to trackedcall calls
 %39 = trackedvariable(%5, $(QuoteNode(%6)), %37)
 %40 = trackedvariable(%5, $(QuoteNode(%3)), %3)
                                                                          2:
 %41 = Base.tuple(%39, %40)
                                                                            \%6 = \%2 + 1
 %42 = trackedcall(%5, %38, %41, $(QuoteNode(§2:%7)))
                                                                            %7 = Main.geom(%6, %3)
 %43 = record!(%5, %42)
                                                                            return %7
 %44 = trackedvariable(%5, $(QuoteNode(%7)), %43)
 %45 = trackedreturn(%5, %44, $(QuoteNode(§2:&1)))
 br 3 (%43, %45)
                                                       Locations in original IR
3: (%46, %47)
                                 Special extra block
                                                       (block §2, variable %7 and
 for return values
                                                       branch &1)
```

return %46