

Opaque Types:

Qubit

QubitArray

QallocOp

Attributes

Offset: I32
name: String
size: I64

Operands

-

Return

QubitArrayType

ExtractQubitOp

Attributes

-

Operands

arr: QubitArrayType
idx: AnyInteger

Return

QubitType

MZOp

Attributes

-

Operands

qubit: QubitType

Return

bit_result: I1

PrintGlobal
VectorOp

Attributes

-

Operands

-

Return

-

SingleSimpleGate

Attributes

-

Operands

qubit: QubitType

Return

result: QubitType

RotationGate

Attributes

-

Operands

qubit: QubitType
angle: F64

Return

result: QubitType

RotationGate

Attributes

-

Operands

qubit: QubitType
angle: F64

Return

result: QubitType

GenGate

Attributes

name: string

Operands

qubit:
Variadic<QubitType>
params:
Variadic<F64>

Return

result:
Variadic<QubitType>