

High level
Languages

Quipper

Python
(ProjectQ,
PyQuil)

Q #

QASM

...

ZX terms
(tensors)

DZXC

... for Plain
Circuits

... for EC
Circuits

... for Lattice
Surgery

... for MBQC

.. for Ancilla-
mediated
computation

... in Optics

... in Ion Traps

... in Quantum
Dots

hybrid
systems

HARDWARE

**Optical
hardware**

**Ion trap
system**

**Quantum Dot
platform**