

# Demonstration of the trapped-ion quantum CCD computer architecture

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- QCCD
- Requirements
- Solutions and benchmarks

## Quantum Charge Coupled Device:

i.e. moving charges around

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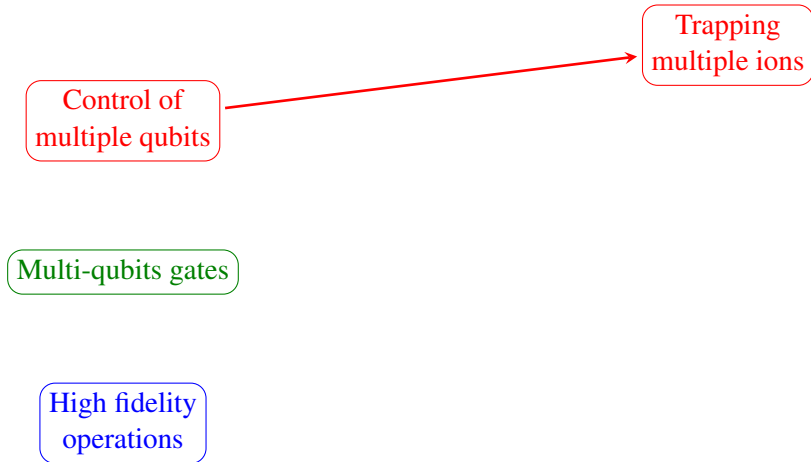
# Scalable quantum computing platform

Control of  
multiple qubits

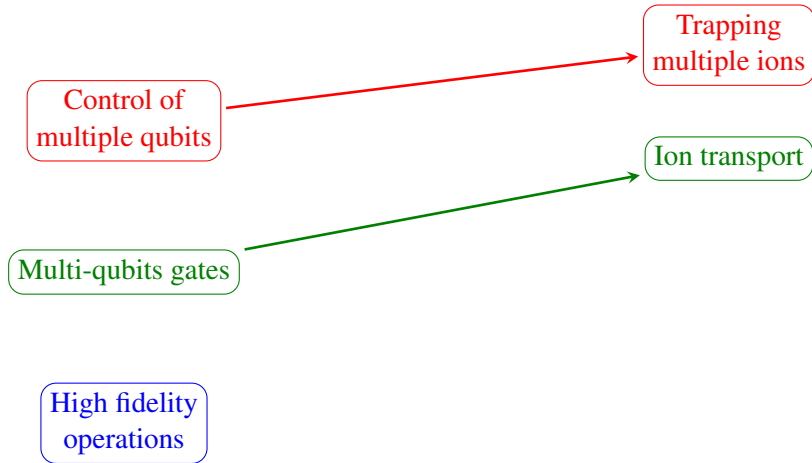
Multi-qubits gates

High fidelity  
operations

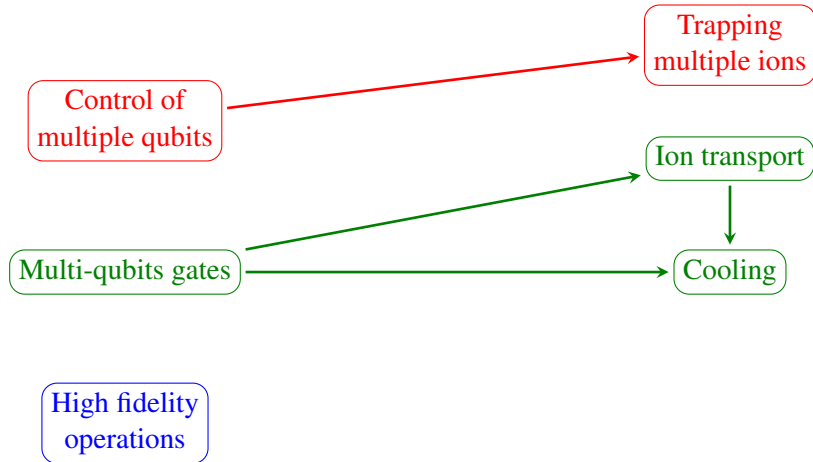
# Scalable quantum computing platform



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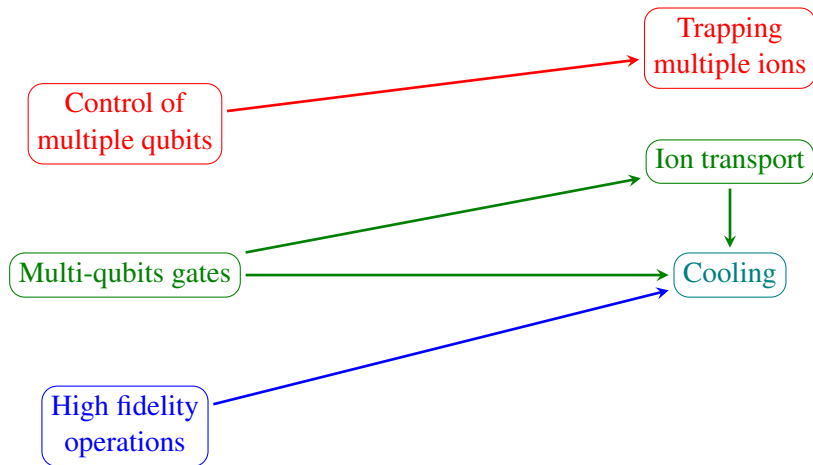


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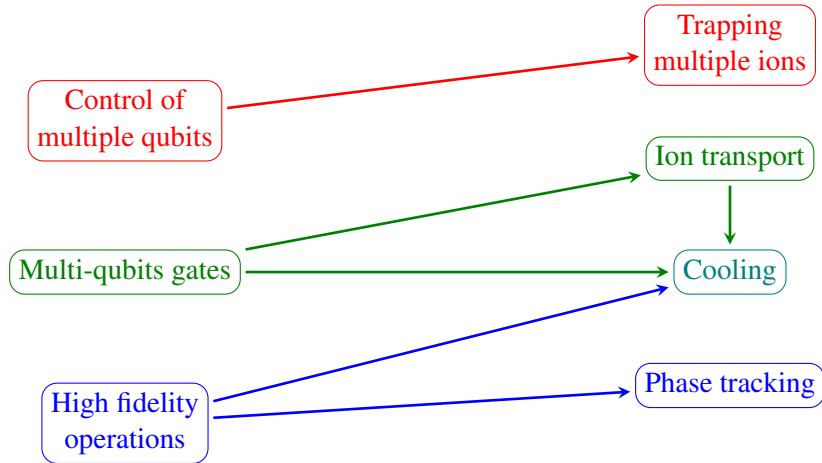




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