

# Quantum Hackathon @IETF116

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# Error Management

We worked on error management for Quantum Internet

- **Tomography** is a form of link or system ***characterization***
  - Bootstrapping/background task
  - Constant factors are very large
- **Purification** is a form of error ***detection***
  - used for improving confidence in shared, distributed quantum states before using them
- We worked on combining the two for use in online, real-time systems

# Specifications and Documents

- Improved understanding of kramdown-rfc, got some things working (thanks, Carsten!)
- Worked on network node type definitions & specifications
- Made draft of *Quantum Communications* textbook available, have already received first Github issue (thanks, **bkmgit**)
  - <https://github.com/sfc-aqua/Overview-of-Quantum-Communications-E>