

# Static Routing for DTN

draft-dowdell-dtn-static-routing-00

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# Building on prior work

- “If I have seen further, it is by standing on the shoulders of giants”, Isaac Newton, 1676
- Static Routing in non-Delay Tolerant networks
  - RFC1812 “Requirements for IP Version 4 Routers”, section 7.4
  - Unable to find an RFC for IPv6 static routing.
- Static Routing implementations in DTN
  - DTN2 - available on SourceForge
  - ION - DTN for spacecraft, also on SourceForge

# Routing Table Entry

- What should a DTN static routing table entry contain?
  - Address - DTN uses Endpoint Identifiers
  - Interface - DTN uses Convergence Layers
  - Metric - relative preference of this route
  - Time - Earliest (and Latest?) time this entry is valid for