

## Networking : Project overview#

The Networking project manages the development of protocols, protocol stacks and reference drivers that are part of the QNX® Neutrino® Realtime Operating System. The project includes a newly developed IP stack, associated utilities and applications. As compared to the currently shipping version of the stack (io-net), this stack (io-pkt) provides:

- Close adherence to the NetBSD architecture / code base ( currently NetBSD 4.0)
  - Eases porting of newer stack releases / features
  - Similar driver model / API allows easy porting (using a porting library) of existing NetBSD drivers to io-pkt
- 802.11 framework for full WiFi support
  - Adhoc
  - Infrastructure client
  - Infrastructure access point (where hardware allows)
- Faster receive performance due to an optimized threading model

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## Downloads#

- To download and build the source, see the [Source Guide](#)

## Project Members#

- Sean Boudreau, protocols, stack and utilities