

Configuring Ethernet Loopback Capability

By default, local aggregated Ethernet, Fast Ethernet, Tri-Rate Ethernet copper, Gigabit Ethernet, and 10-Gigabit Ethernet interfaces connect to a remote system. To place an interface in loopback mode, include the `loopback` statement:

`[Unresolved xref];`



NOTE: If you configure a local loopback on a 1-port 10-Gigabit IQ2 and IQ2-E PIC using the `loopback` statement at the `[edit interfaces interface-name gigether-options]` hierarchy level, the transmit-path stops working, causing the remote end to detect a link down.

To return to the default—that is, to disable loopback mode—delete the `loopback` statement from the configuration:

```
[edit]
user@host# delete interfaces fe-fpc/pic/port fastether-options loopback
```

To explicitly disable loopback mode, include the `no-loopback` statement:

`no-[Unresolved xref];`

You can include the `loopback` and `no-loopback` statements at the following hierarchy levels:

- `[edit interfaces interface-name aggregated-ether-options]`
- `[edit interfaces interface-name fastether-options]`
- `[edit interfaces interface-name gigether-options]`

