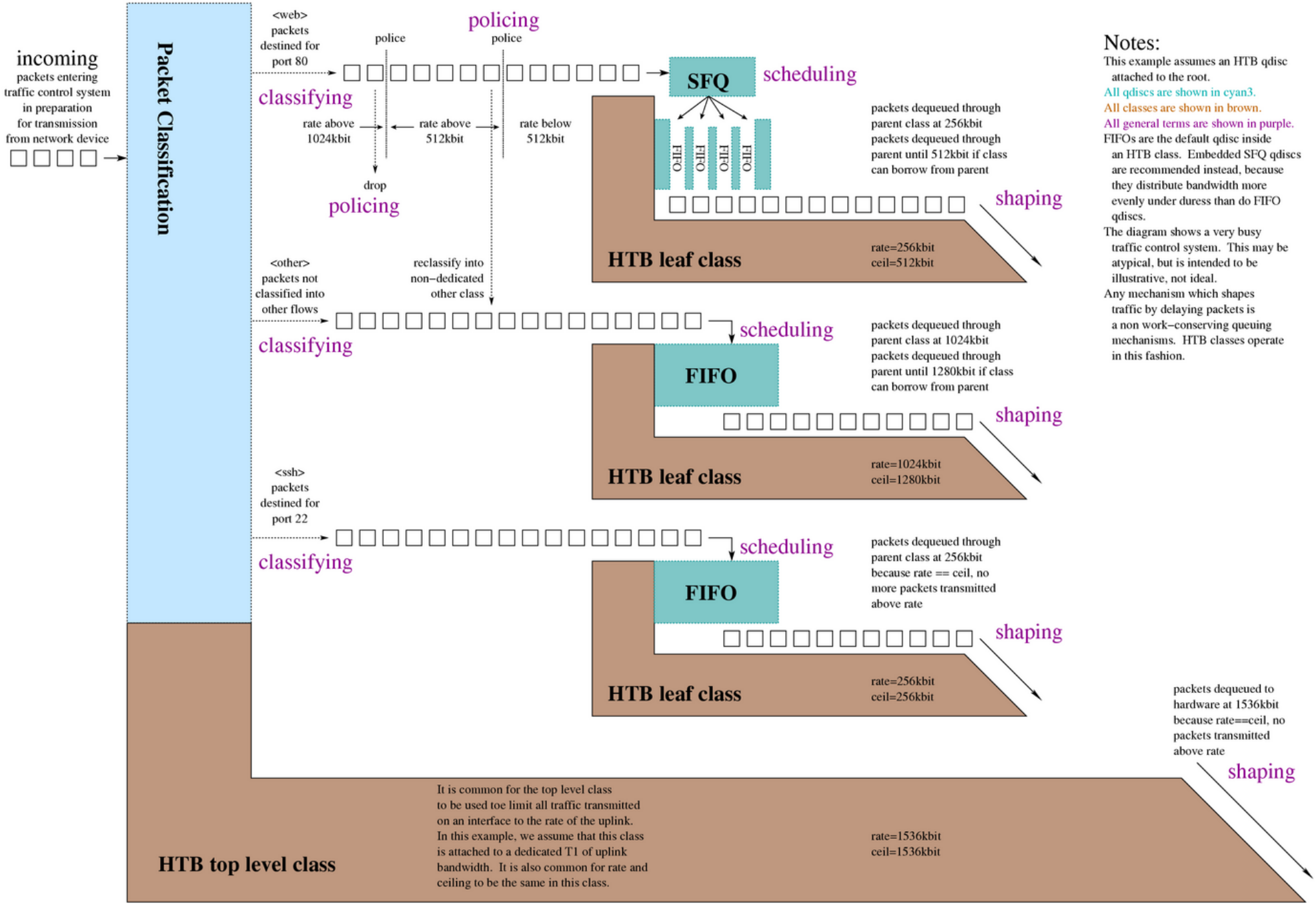
A General Linux Traffic Control Scenario with HTB



Notes:

This example assumes an HTB qdisc attached to the root.

All qdiscs are shown in cyan3.

All classes are shown in brown.

All general terms are shown in purple.

FIFOs are the default qdisc inside an HTB class. Embedded SFQ qdiscs are recommended instead, because they distribute bandwidth more evenly under duress than do FIFO qdiscs.

The diagram shows a very busy traffic control system. This may be atypical, but is intended to be illustrative, not ideal.

Any mechanism which shapes traffic by delaying packets is a non work−conserving queuing mechanisms. HTB classes operate in this fashion.