



Instructions



Code Examples



Screencasts



Forum

Stage #ND2

Pending

**sarp** challenge author 8 months ago

If peers are unexpectedly closing the connection (you're seeing `connection reset by peer`, `end of file` or `timeout` errors after receiving some data), one of the reasons might be sending `REQUEST` messages with incorrect offset/length.

A common mistake happens with the last piece: Last piece of the file can be less than `piece length` defined in the torrent file. For example, say `file length` is `92063` bytes and `piece length` is `32768` bytes. This file will consist of 3 pieces:

- 1st piece with `32768` bytes
- 2nd piece with `32768` bytes
- 3rd piece with only `26527` bytes.

^ 26



↩ reply

**Banyc** 7 months ago

`index`, `begin`, and `length` are each a 32-bit integer.

^ 17



↩ reply

**ollien** 7 months ago

This is not explicitly stated in the problem, but is worth noting because it's otherwise unclear. From the linked docs

All later integers sent in the protocol are encoded as four bytes big-endian.

^ 12



↩ reply

**EpocDotFr** 6 months ago

If you receive messages which ID is not listed in the BitTorrent 1.0 protocol specs (e.g ID 20), make absolutely sure you've sent an all-`0` bits value in the reserved space in your handshake request. 🙄

^ 2



↩ reply

Ready to run tests...

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