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Download a piece #ND2   Pending

Complete previous stages to gain access to this stage.

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Your Task   Pending   HARD

In this stage, you'll download one piece and save it to disk. In the next stage we'll combine these pieces into a file.

To download a piece, your program will need to send **peer messages** to a peer. The overall flow looks like this:

- Read the torrent file to get the tracker URL

  - you've done this in previous stages

- Perform the tracker GET request to get a list of peers

  - you've done this in previous stages

- Establish a TCP connection with a peer, and perform a handshake

  - you've done this in previous stages

- Exchange multiple **peer messages** to download the file

  - **This is the part you'll implement in this stage**

Peer Messages

Peer messages consist of a message length prefix (4 bytes), message id (1 byte) and a payload (variable size).

Here are the peer messages you'll need to exchange once the handshake is

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