





What's out there?				
	Central	Flood	Super- node flood	Route
Whole File	Napster	Gnutella		Freenet
Chunk Based	BitTorrent		KaZaA (bytes, not chunks)	DHTs eDonkey2 000 New BT































































































- Seed: peer with the entire file
 Original Seed: The first seed
- Leech: peer that's downloading the file
 Fairer term might have been "downloader"
- Sub-piece: Further subdivision of a piece
 - □ The "unit for requests" is a subpiece
 - But a peer uploads only after assembling complete piece

































Anti-Snubbing

When over a minute goes by without getting a single piece from a particular peer, BitTorrent assumes it is "snubbed" by that peer and doesn't upload to it except as an optimistic unchoke. This frequently results in more than one concurrent optimistic unchoke, which causes download rates to recover much more quickly when they falter.















