

# BitTorrentApplications

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### BitTorrent Clients (i.e. programs that download data)

- [abc \(http://pingpong-abc.sourceforge.net/\)](http://pingpong-abc.sourceforge.net/) (2.6.9 - June 13, 2004 - [Open Source](#) - Win32 Only - [Python ABC](#))  
Single instance, global upload settings, quite a good client.
- [azureus \(http://azureus.sourceforge.net/\)](http://azureus.sourceforge.net/), [Japan \(http://azureus.jp/%7CAzureus\)](http://azureus.jp/%7CAzureus) (2.3.0.4 - June 27, 2005 - [Open Source Azureus](#) - java)  
Features built in tracker, multidownload and fast resume.
- [bitcomet \(http://www.bitcomet.com/\)](http://www.bitcomet.com/) (0.60 - September 8, 2005 - Binaries Only - Win32 Only - [C](#))  
[[C BitComet]] multitorrent client. Small, clean, fast and very cheap on resources.
- [BitSpirit \(http://www.lanspirit.com/bitspirit/index.htm\)](http://www.lanspirit.com/bitspirit/index.htm) (2.5 - April 20, 2004 - Binaries Only - c)  
A reasonable client with some good features, some peer protocol extensions are non official though.
- [bittornado \(http://bittornado.com\)](http://bittornado.com) (0.3.15 - 2006 - [Open Source](#) - Python)  
Latest version of the shadow's client, still just as good as it always was.
- [bittorrent \(http://www.bittorrent.com/\)](http://www.bittorrent.com/) (4.0.0 - March 7, 2005 - [Open Source](#) - Python)  
*The official\* BitTorrent client. Version 4 is a complete rewrite. Features very simple/functional UI and queuing. Has the most up to date protocol and backend algorithms.*
- [bt \(http://btplusplus.sourceforge.net/\)](http://btplusplus.sourceforge.net/) (0.5.4a - May 7, 2003 - [Open Source BT Enhanced Client](#) - wxpython)  
An attempt at a multidownload GUI for [BitTorrent](#), has been inactive for a while now.
- [burst! \(http://krypt.dyndns.org:81/torrent/\)](http://krypt.dyndns.org:81/torrent/) (1.0 RC5 - August 30, 2003 - [Open Source](#) - Win32 Only - Python/Delphi)  
[Python Burst!](#) backend, from Shadow's client with a nice Delphi front-end bolted on. A good client with multidownload capability.
- [ctorrent \(http://ctorrent.sourceforge.net/\)](http://ctorrent.sourceforge.net/) (1.3.2 - February 1, 2004 - [Open Source Ctorrent](#) - C)  
C console client for Unix platforms, and maybe Windows.
- [mldonkey \(http://mldonkey.net\)](http://mldonkey.net) (2.5.22 - July 29, 2004 - [Open Source Mldonkey](#) - ocaml)  
Multi-network file sharing client, supports [BitTorrent](#) among other protocols.
- [moopolice \(http://www.moopolice.de\)](http://www.moopolice.de) (1.0.2.40 - July 2, 2005 - Win32 only - [C](#))  
This client is based on [[[MooPolice \(http://libtorrent.sourceforge.net\)](http://libtorrent.sourceforge.net)][libtorrent](#)]].

- [µTorrent \(http://www.utorrent.com/\)](http://www.utorrent.com/) (1.6 - July 1, 2006 - Binaries only - Win32 only - C µTorrent)  
Small, low resource usage. Autoupdating...
- [libtorrent \(http://libtorrent.rakshasa.no\)](http://libtorrent.rakshasa.no) (0.3.0 - July 29, 2005 - Open Source - C )  
Console client for Unix platforms. Is based on [rTorrent|libTorrent \(http://libtorrent.rakshasa.no\)](http://libtorrent.rakshasa.no).
- [shareaza \(http://shareaza.sourceforge.net\)](http://shareaza.sourceforge.net) (2.3.1.0 - January 3, 2008 - Open Source - Win32 Only - C Shareaza)  
A Gnutella2 client with add-on support for BitTorrent, Gnutella and eDonkey. Nice GUI but users report lots of problems.
- [turbobt \(http://www.turbobt.com/\)](http://www.turbobt.com/) (5.1 - December 29, 2003 - Open Source - Win32 Only - Python)  
A Cool GUI BitTorrent client, very easy to use, Multidownload supported.
- [Monsoon \(http://www.monsoon-project.org\)](http://www.monsoon-project.org) - Open Source - GTK# client based on monotorrent lib, works on any platform with support for either the normal .NET Framework (MacOS X, Linux, Windows) both 32 and 64 bit OS's and platforms which support the Compact .NET framework (smart phones).

## Other BitTorrent related programs

- [StegTorrent \(http://stegtorrent.sourceforge.net/\)](http://stegtorrent.sourceforge.net/) -- A tool to hide BitTorrent metainfo (.torrent files) into and restore the same back from images (and other types of files) using steganographical methods, providing friendly GUI for the process.
- [TorrentSpy \(http://torrentspy.sourceforge.net/\)](http://torrentspy.sourceforge.net/) Tracker Analyzer
- [writtorrent \(http://writtorrent.sourceforge.net/\)](http://writtorrent.sourceforge.net/) -- Tools for manipulating Tracker info in a torrent, blogging torrents, and more.
- [Torrent Loader \(http://projects.arieltm.net/projects/torrentloader/\)](http://projects.arieltm.net/projects/torrentloader/) -- Advanced torrent Analyzer and editor (open source)
- [tracker\\_modify \(http://publicbt.com/tracker\\_modify.html\)](http://publicbt.com/tracker_modify.html) -- Perl script to batch edit the tracker dictionary of torrents.
- [Torrent Search \(http://torrent-search.sourceforge.net/\)](http://torrent-search.sourceforge.net/) -- Cross-platform application to look for torrent files on different websites

## Libraries

- [ByteTorrent \(http://bytetorrent.sourceforge.net\)](http://bytetorrent.sourceforge.net) (C /Windows OLE)
- [LibBT \(http://sourceforge.net/projects/libbt\)](http://sourceforge.net/projects/libbt): BitTorrent C Library (C/Linux) -- C-language Implementation of the [BitTorrent](#) core protocols
- <http://libtorrent.rakshasa.no> -- C libTorrent library, UNIX
- <http://libtorrent.sourceforge.net> -- C libtorrent library, UNIX, NT, MacOS
- [Torrent.NET Class \(Microsoft .NET / Mono Project\) \(http://writtorrent.sourceforge.net\)](http://writtorrent.sourceforge.net) -- .NET class for manipulating the bencoded torrent file format.
- [MonoTorrent \(Microsoft .NET / Mono Project\) \(http://www.monotorrent.com\)](http://www.monotorrent.com) -- .NET library for downloading/uploading torrents and .NET Library for creating/modifying torrents
- [ddbencode \(http://projects.stoneship.org/hg/shared/ddbencode/\)](http://projects.stoneship.org/hg/shared/ddbencode/) -- C library for bencode encoding/decoding
- [ttorrent \(https://github.com/mpetazzoni/ttorrent\)](https://github.com/mpetazzoni/ttorrent) -- a Java implementation of the BitTorrent protocol
- [Bt \(https://github.com/atomashpolskiy/bt\)](https://github.com/atomashpolskiy/bt) -- Java 8 BitTorrent framework for integration/embedded use

## Servers

- [bittorrentkit](http://bittorrentkit.sf.net) (<http://bittorrentkit.sf.net>) is essentially Apache, Python and BitTorrent put together in one package. It allows you to run a simple webserver and [\[\[Tracker BitTorrent Kit\]\]](#) without configuring anything and with really simple install.

## Trackers

- [UDPT](https://code.google.com/p/udpt) (<https://code.google.com/p/udpt>) is a free & Open Source UDP Tracker written in C that handles UDP announce requests, Developed both for Windows & Linux.
- [bnbt](http://bnbt.depthstrike.com/) (<http://bnbt.depthstrike.com/>) An Open Source C Tracker BNBT by Trevor Hogan.
  - [xbnbt](http://xbnbt.sourceforge.net/) (<http://xbnbt.sourceforge.net/>) A modified BNBT Tracker XBNBT.
- [XBTT](http://xbtt.sourceforge.net/tracker/) (<http://xbtt.sourceforge.net/tracker/>) A light weight tracker, written in C++. With MySQL integration.
- [LeonidasP2P](https://sourceforge.net/projects/leonidas) (<https://sourceforge.net/projects/leonidas>) is the ASP.NET 2.0 porting of phpMyBitTorrent. Currently under development.
- [LimeTracker](http://limecast.com/tracker) (<http://limecast.com/tracker>) is a tracker written in the symfony PHP framework designed for podcasting, sponsored by LimeWire.
- [mod\\_bt](http://www.crackerjack.net/mod_bt/index.html) ([http://www.crackerjack.net/mod\\_bt/index.html](http://www.crackerjack.net/mod_bt/index.html)) is a BitTorrent tracker for the Apache webserver. It is written in C and runs as an Apache 2.x module. It is possible for mod\_perl or PHP to directly access the tracker's information; no need to download and bdecode scrape URLs. The tracker is fully configured from within Apache's own configuration file.
- [MonoTorrent](http://www.monotorrent.com) (<http://www.monotorrent.com>) Tracker written in C#. Runs on any OS supporting either the standard .NET framework (MacOS X, Linux, Windows) or the Compact .NET framework (smart phones).
- [opentracker](http://www.whitsoftdev.com/opentracker/) (<http://www.whitsoftdev.com/opentracker/>) Lightweight [\[\[Tracker OpenTracker\]\]](#) written in PHP.
- [phpMyBitTorrent](http://www.phpmybittorrent.com) (<http://www.phpmybittorrent.com>) is a PHP BitTorrent tracker with extended database support that can read eD2K/Magnet hashes for Shareaza-enabled Torrents, automatically update stats for external torrents etc.
- [RivetTracker](http://www.rivetcode.com/software/rivettracker/) (<http://www.rivetcode.com/software/rivettracker/>) [Pharmacie en ligne](http://www.pharmacie-eu.org/) (<http://www.pharmacie-eu.org/>) A modified version of PHPBTTTracker, RivetTracker includes additional features such as an RSS feed, optional support for HTTP seeding, detailed connection statistics, and much more. It uses PHP and MySQL and provides an intuitive web-interface for managing torrents.
- [sunflower](http://sunflower.tryphon.org) (<http://sunflower.tryphon.org>) java servlet Tracker Sunflower.
- [TorrentBroad](https://sourceforge.net/projects/torrentbroad) (<https://sourceforge.net/projects/torrentbroad>) OSGI (java) Bittorrent platform under the Apache V2.0 license (Currently under development). The "TorrentYeller" OSGI module is the bittorrent tracker.
- [Hefur](https://github.com/abique/hefur) (<https://github.com/abique/hefur>) Standalone C++ BitTorrent tracker under the MIT license.

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