

Introduction to Torrenting

Pages inside this book cover basic information regarding torrenting and how to get started with it on your UltraSeedbox slot. We will not however be discussing ways to source torrent files.

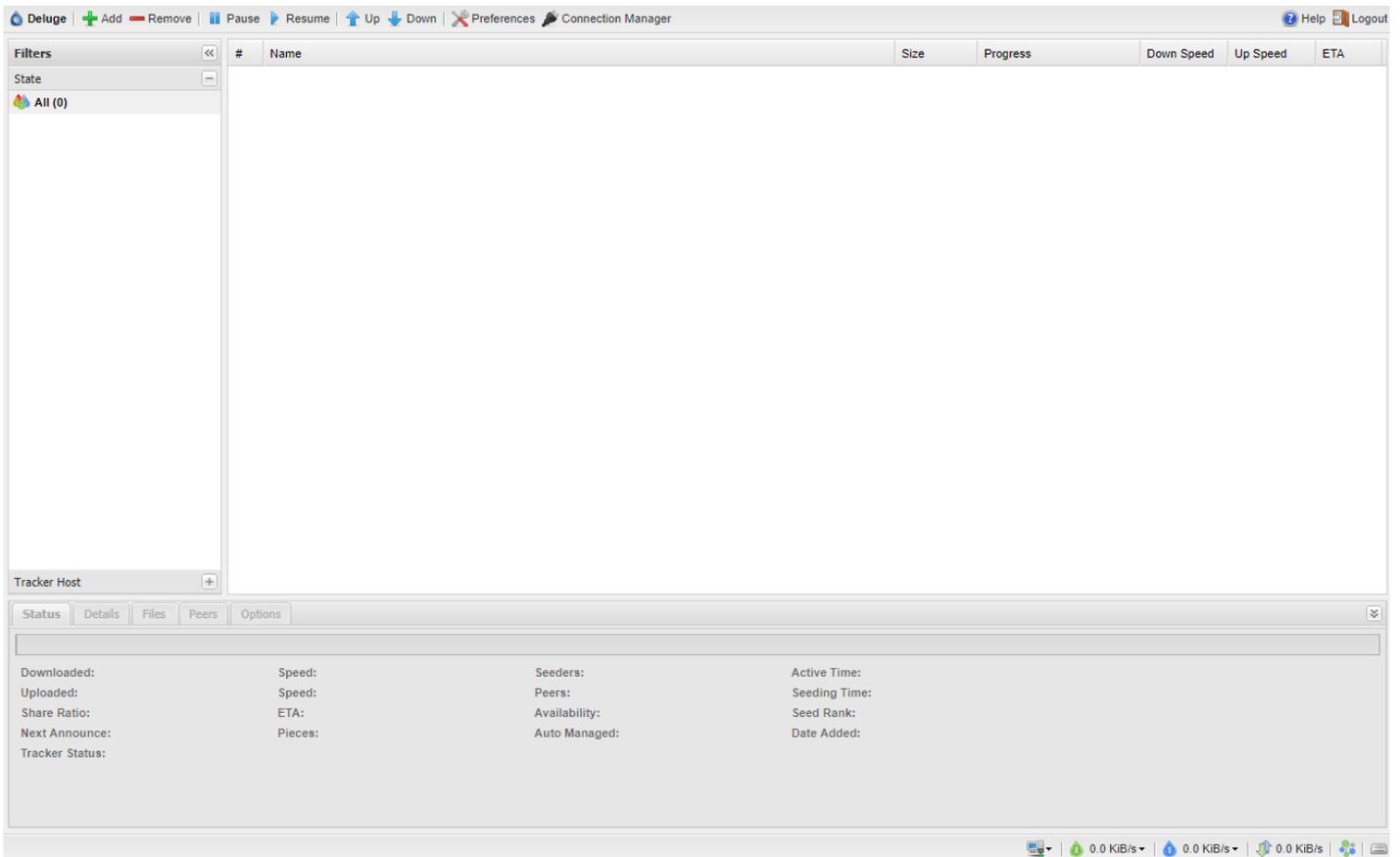
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Client Comparison

In this page we will discuss the multiple torrent clients we offer and which one may be most suited to your usage.

	Deluge	rTorrent	Transmission
Number of Torrents	Average	High	Highest
Download and Upload Speeds	Highest	High	Average
Ease of Use	Highest	High	Average
Stability	Average	High	Highest
Popularity	High	Highest	High

Deluge

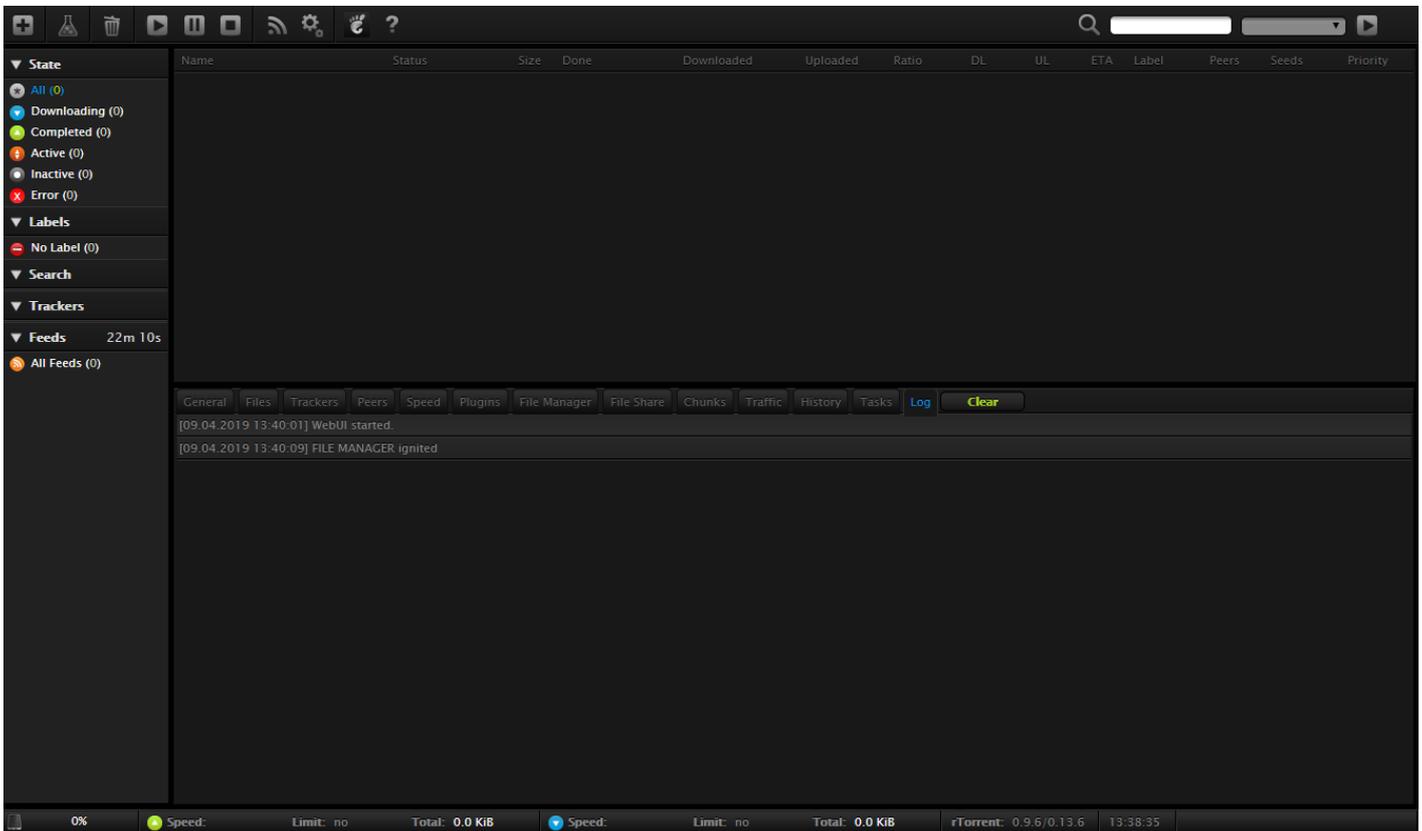


Deluge is one of the most user friendly torrent clients we offer. It has a simple to understand and navigate interface and offers thin clients on all major operating systems.

Deluge is a powerful client and is popular for racing, it is an aggressive seeding client and is favored for that reason.

The one major downside of Deluge is that it has trouble handling a large amount of torrents, it usually starts to struggle at ~700 loaded files.

ruTorrent/rTorrent



The combination of ruTorrent and rTorrent is also an incredibly user friendly experience. For those who may be used to using uTorrent the interface is extremely similar.

rTorrent alone is a CLI (Command Line Interface) program. On it's own it can handle thousands upon thousands of torrents, however it can be difficult to use. To ease in the usage we can install the web based GUI ruTorrent. ruTorrent improves usability, however it also decreases rTorrent's potential - despite this it can still easily handle multiple thousands of torrents!

rTorrent is a good option for decent seeding performance combined with high torrent count, it is good at both of these however a master of neither.

Transmission



Transmission is one of the least user friendly clients we offer. It has a very minimal interface with very few accessible options. While on one hand it is plain it is also very stable.

Transmission does not have great seeding performance, but this is offset by the large amount of torrents it can handle. If you want a client that will handle many torrents long term seeding then this is for you. In this page we will discuss the multiple torrent clients we offer and which one may be most suited to your usage.

Public vs Private

While dealing with torrents you will likely come across the terminology "public" and "private". What these words are referring to are trackers or tracker communities. "Public trackers" are open sites where you can easily access all the content regardless of if you're a member or not. Likewise, "Private trackers" are closed sites which require you to be a member to access the content.

Public Trackers

The vast majority of files shared via torrents are shared via public trackers. The reason for this is simple, anyone can access them. Things that are shared via public trackers include Linux ISOs, updates for games, public information dumps/leaks and other media.

Public trackers often contain a large variety of torrents without a huge amount of organisation beyond categories. As a result of this they are harder to automate using tools such as sonarr or radarr, however this is made up for by the fact they are easily accessed.

Public trackers do not have a requirement of seeding content you download, this is as it is difficult to track snatches and upload. As a result it is part of our terms that you do not seed a public torrent file past a ratio of 2:1 (uploading 2x what you downloaded). This is mostly to reduce network strain and keep our network pleasant for all customers to use.

Pros

- Easily accessible
- No ratio requirements
- Large variety of material on a single site
- No community standing to maintain

Cons

- Unsorted content
 - Often less content than a more dedicated site
 - Older content is often left unseeded
 - On occasion slower downloads and often greater network load caused by popular files
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Private Trackers

Private trackers are by nature, closed communities. Access to these sites requires a prospective member to either receive an invite from a friend, apply to an open signup or gain entry from invite forums on another site. While on one hand this can be seen as a great roadblock and unfair, it does aid in maintaining a community that truly cares about the content, and as a result these sites are often better organised or focused.

There are many private tracker sites, with most having a specific focus. The frameworks these sites are built on lend themselves to better organisation and coordination - often having multiple sources for one piece of media depending on what specifically you are looking for. This also lends itself perfectly to automation, as these sites often provide a robust and easy to use API.

Private trackers often however have a ratio requirement, this means you must seed back a percentage of what you download, usually around 60-100%. This however means a lot of the time, torrents on private sites are in good health and well seeded.

Pros

- Quality sorted content
- Easily automated
- Often strong sense of community
- Home to rare and sought after files

Cons

- Sometimes hard to gain access to
- Ratio requirements can be difficult for new users
- Stricter and more enforced rules