

Terasaur

Gigabytes to Terabytes

@smalljones - Paul Jones - School of Information and Library Science - UNC Chapel Hill - ibiblio.org
terasaur.us

Data sets



Open source software



Virtual machine images



Archival-quality music
and video



Reliability

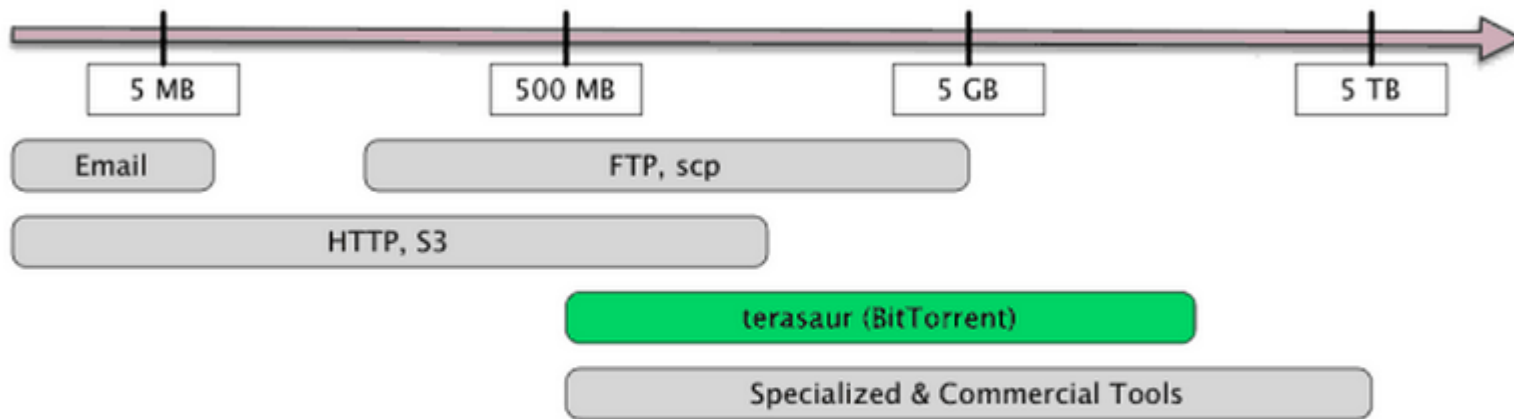


Throughput



Ease of use





Fault tolerance



Built-in checksums



Start-stop



Wealth of clients



Discovery



Authority

Persistence



Grails, Groovy

PostgreSQL

Python

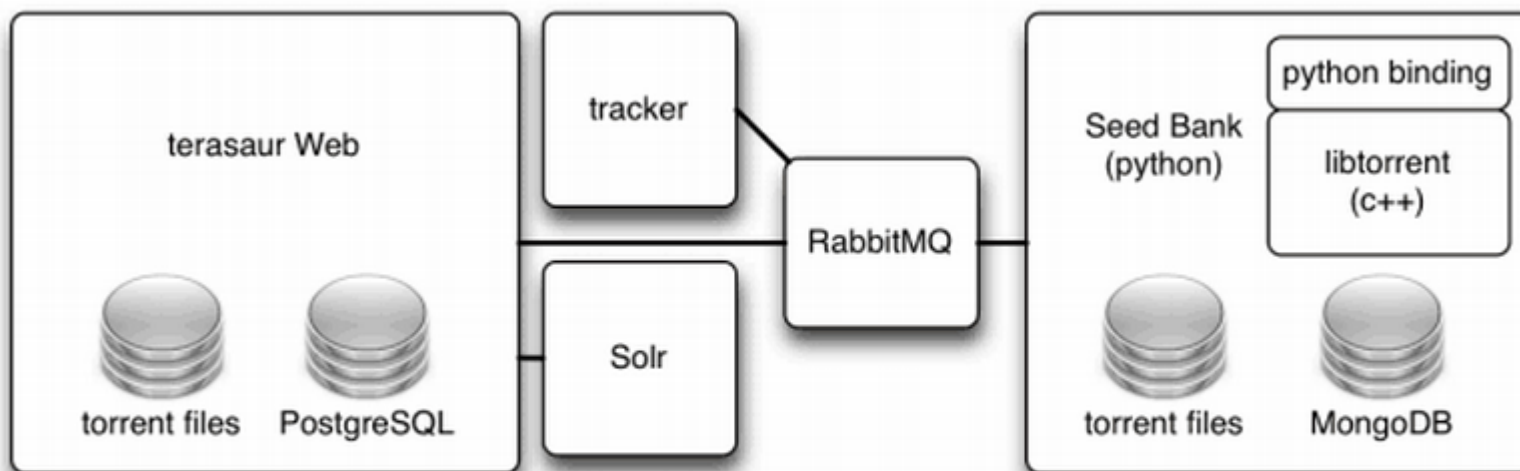
MongoDB

RabbitMQ

Apache Solr

libtorrent (Rasterbar)





Gigabytes to Terabytes

terasaur makes it easy to discover or publish material too large for regular web sites. Consumers will find a variety of content, including music, video, software, and research data sets. For publishers, terasaur allows you to distribute hundreds of megabytes of high quality video or share terabytes of research data with your colleagues. Start using terasaur today to meet your large data sharing needs

Get Started Using terasaur

100110111001101110011011100
Currently Seeding over 2 terabytes of files!

Most Popular Downloads

- > [Mageia 4 \(Software\)](#)
- > [Mageia 3 \(Software\)](#)
- > [FlightGear v2.12.1 \(Software\)](#)
- [More...](#)

Recently Added Content

- > [Clonezilla \(Software\)](#)
- > [Archivos Históricos de Imagen \(ISO\) de Huayra GNU/Linux \(Install & Live\) \(Software\)](#)
- > [NethServer 6.5 \(Software\)](#)
- [More...](#)

Get Started Using terasaur

STEP 1: You need a BitTorrent client in order to download torrent files.

These are our favorites:

If you have Windows or a Mac, we recommend [Transmission](#).

If you use Linux, we recommend [Deluge](#).

[More information about BitTorrent.](#)

STEP 2: Find the stuff you want.

This is everything you need to know about searching for content on terasaur. terasaur includes music, collections of government data, software like Linux distributions and Flight Gear, the open source flight simulator.

[Start browsing.](#)

STEP 3: Download the torrent File.

Now that you've found what you want and you have a BitTorrent client, you can simply click the large download button. Your BitTorrent client will do the rest! If you have questions about how BitTorrent works or how to open the file once you've downloaded it, go to our [help page](#).

Mageia 4 (Software)

Collection General

Mageia 4 is a GNU/Linux distribution for your computer, released by the Mageia community .

See mageia.org for more details.

Torrents (9 total)

-    [Mageia-4-dual-DVD \(1.0 GB\)](#)
-    [Mageia-4-i586-DVD \(3.61 GB\)](#)
-    [Mageia-4-LiveCD-GNOME-en-i586-CD \(656.04 MB\)](#)
-    [Mageia-4-LiveCD-KDE4-en-i586-CD \(649.04 MB\)](#)
-    [Mageia-4-LiveDVD-GNOME-i586-DVD \(1.36 GB\)](#)
-    [Mageia-4-LiveDVD-GNOME-x86_64-DVD \(1.41 GB\)](#)
-    [Mageia-4-LiveDVD-KDE4-i586-DVD \(1.44 GB\)](#)
-    [Mageia-4-LiveDVD-KDE4-x86_64-DVD \(1.49 GB\)](#)

Get Started Using terasaur

Most Popular Downloads

- > [Mageia 4 \(Software\)](#)
- > [Mageia 3 \(Software\)](#)
- > [FlightGear v2.12.1 \(Software\)](#)
- More...

Recently Added Content

- > [Clonezilla \(Software\)](#)
- > [Archivos Históricos de Imagen \(ISO\) de Huayra GNU/Linux \(Install & Live\) \(Software\)](#)
- > [NethServer 6.5 \(Software\)](#)
- More...

Request or vote on new features

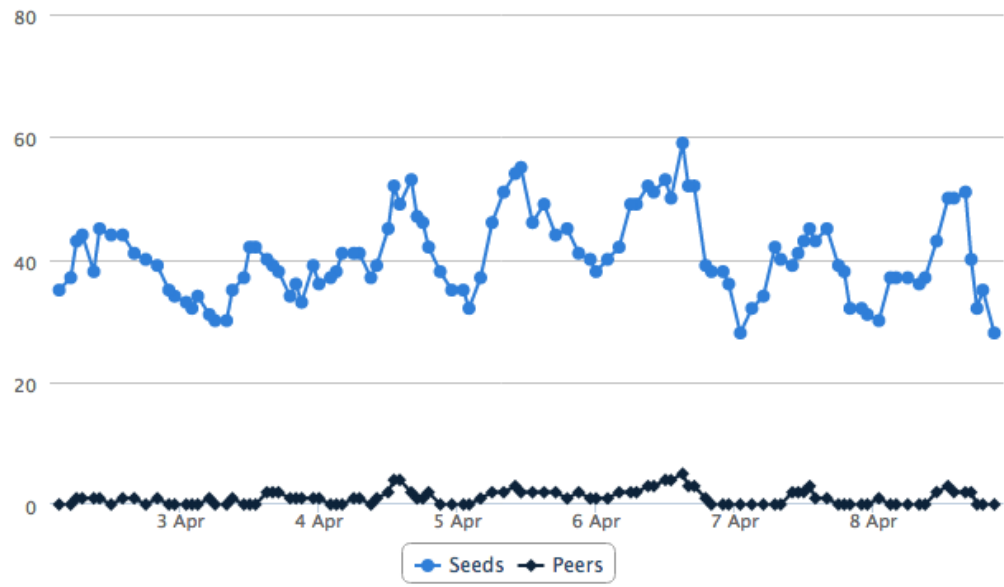


Mageia 4 > Mageia-4-dual-DVD torrent > Analytics

Activity Downloads

Show: 1h 1d 1w All

Seeds & Peers Activity

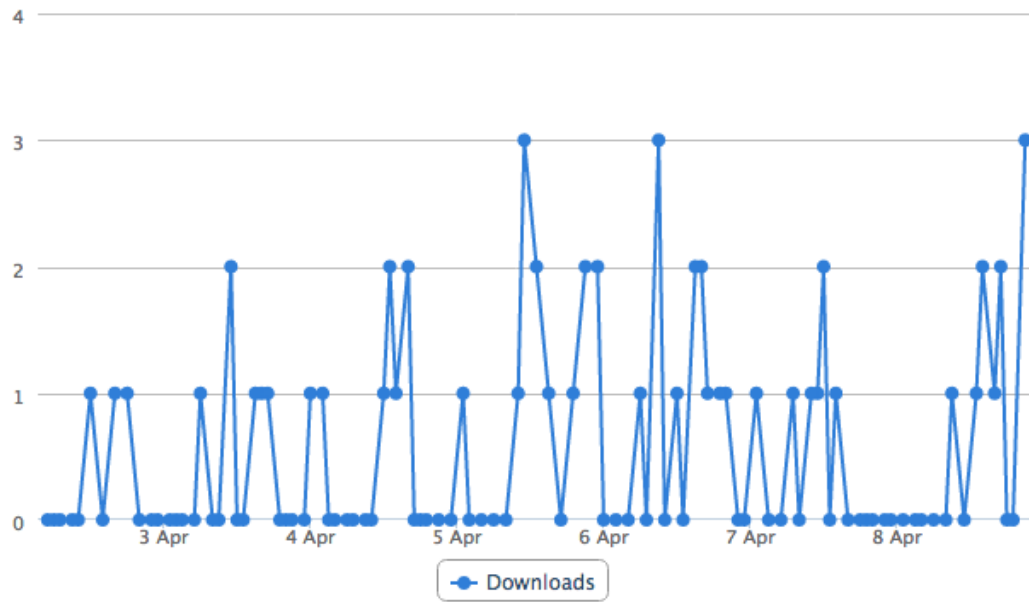


Activity

Downloads

Show: 1h 1d 1w All

Completed Downloads



How to upload

(Note: terasaur.org is currently in private beta. Publishing and uploading are only available if your account has been enabled.)

Uploading files to terasaur.org is really uploading a torrent to a seed bank. The process has three steps, but they're straightforward if you're familiar with BitTorrent. Uploading data using Transmission is a more detailed tutorial with screen shots.

1. Create a new item on terasaur.org

There's an "Add new item" link in the sidebar on the right. An "item" in terasaur has two roles: 1) helping people find your files and 2) grouping downloads (torrents). Give your new item a title and description. Choose a type (software, video, etc.). And select a license. If you're adding items to a collection, you should have more than General in the dropdown. When you're done, click Save changes.

2. Create a torrent with your BitTorrent client

The steps for creating a torrent depend on which client you use. Try searching Google (or your preferred search engine) or looking for help documentation on your BitTorrent client's web site. bittorrent.com also has links to [guides and tutorials](#), including a document on [Creating a Torrent](#).

When you create a torrent for terasaur.org, use the following settings:

- Use the tracker URL <http://tracker.terasaur.org/announce>
- Make the torrent "private"

When you have a newly-minted torrent, click on the green plus button next to Downloads and upload the torrent file.

3. Upload files to a seed bank

Click the title of your new download and go to the torrent details page. Select a seed bank from the list, and click "Start upload." When you see the confirmation message, start the torrent in your BitTorrent client. Be sure to leave it running until the upload is finished.

You should see a peer connection and upload rate in your client while data is transferring. Refresh the torrent details page to check the upload status. The details page will show "Served from seed bank(s)" when the upload is complete. When you see the status change, it's safe to stop your BitTorrent client. Of course, more seeds are better than fewer, so leave it running if you can.