

# Re: Fedora Unity release

---

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2008-02/msg01901.html>

---

- *From:* "Kevin J. Cummings" <[cummings@xxxxxxxxxxxxxxxxxxxxx](mailto:cummings@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 16 Feb 2008 23:23:17 -0500
- 

Robert L Cochran wrote:

I use jigdo myself and like the way it pulls packages from a list of servers, so that no one server is stressed with a long download connection that might be dropped or which might be so busy you can't log onto it.

The really bad thing about jigdo is that it isn't smart enough by default to notice that one or more servers consistently have connection problems, and it keeps hitting them again and again in round-robin fashion retrying the connection, and that in turn wastes a lot of time. Jigdo should drop a server after two different sets of two attempts per set which still fail to connect, and then go on to the next server in the list.

What I like about jigdo is that it only needs to download what's changed. If you have a copy of the original F8 ISO (for example), you can mount it, and it won't try and download those packages that exist there, only the updated packages. It will copy locally whatever it can before starting the download phase. So, if you have an F8 ISO that you downloaded via BT, you only have to download the updates to create your updated ISO image.

Yes. Jigdo has problems. It was designed to alleviate the load on the hosting servers. Not to increase the download speed to the user. BT acts similarly if you don't have a lot of clients actively seeding the torrent. I'm sure the jigdo folks would love to get input on how to improve their design to increase throughput to the users as well. Part of that might be to assign a higher round robin priority to those update servers with higher bandwidth (measured as download speed to the client) and have the client prefer those systems over the slower ones. You have to trade that off against which servers are out of date and which servers are overused (I saw this already being done via a limited number of FTP users on those sites being downloaded from via ftp:). I too saw vastly different download speeds based on which servers were being used, but my complete download happened in about 4 hours using the original F8 ISO as my starting point (for the x86\_64 ISO). YMMV

Re: Fedora Unity release

Bill Davidsen wrote:

Does anyone have a bittorrent link for the Unity spins? I get  
3–3.5Mbit speed with torrent, and 200–400Kbit with that jigdo thing.  
Last month I ran for f