aria2 Fast multi-download

CONCEPTS

aria2c takes URLs, magnets, .torrent and .metalink files, and mixes protocols for one file.

Source URL, magnet, .torrent
↓ -s splits
Pieces min size -k
↓ -x connections
Parallel streams per server / peers
↓ writes
File -d dir, -o name

-x limits connections per server (max 16); -s is how many pieces to split into. Raise both for more speed.

Only download content you are allowed to copy; respect copyright and the site's terms.

DOWNLOADING

aria2c *<url>*
Download one file to the current dir

aria2c *<url1>* *<url2>*
Download several files

aria2c *<url>* *<mirror-url>*
Same file from several mirrors

aria2c -d *<dir>* *<url>*
Save into a directory

aria2c -o *<name>* *<url>*
Save under another name

aria2c -c *<url>*
Continue a partial download

aria2c -x *<n>* *<url>*
Connections per server

aria2c -s *<n>* *<url>*
Split the file into n parts

aria2c --allow-overwrite=true *<url>*
Replace an existing file

aria2c --checksum=*<type>***=***<digest>* *<url>*
Verify the download

LISTS AND QUEUE

aria2c -i *<file>*
Read URLs from a file

aria2c -j *<n>* **-i** *<file>*
Run n downloads at once

aria2c --max-tries=*<n>* **--retry-wait=***<sec>*
Retry count and pause

URL list with per-file options

```
https://example.com/a.iso
  dir=/data/isos
  out=a-renamed.iso
# mirrors: put them on one line, TAB-separated
```

SPEED AND LIMITS

aria2c --max-download-limit=*<speed>* *<url>*
Cap one download, e.g. 500K

aria2c --max-overall-download-limit=*<speed>*
Cap all downloads together

aria2c --max-upload-limit=*<speed>*
Cap upload per torrent

TORRENTS AND MAGNETS

aria2c "*<magnet-uri>***"**
Download a magnet link

aria2c *<file>***.torrent**
Download a torrent file

aria2c -S *<file>***.torrent**
List files in a torrent

aria2c --select-file=*<n,m-k>* *<file>***.torrent**
Only these file indexes

aria2c --seed-time=*<min>* *<file>***.torrent**
Seed this many minutes after done

aria2c --seed-ratio=*<ratio>* *<file>***.torrent**
Seed until this share ratio

HTTP AND AUTH

aria2c --header="*<Name: value>***"** *<url>*
Add a request header