

Resume Downloads with curl

```
greys@xps:~/Downloads $ curl -C - -O http://solus.veatnet.de/iso/images/4.1/Solus-4.1-Budgie.iso
** Resuming transfer from byte position 102318080
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 1595M  100 1595M    0     0  2868k    0  0:09:29  0:09:29  --:--:-- 1766k
```

Resuming downloads with curl

If you're on an unstable WiFi hotspot or simply forgot about a curl download and shut down your laptop, there's a really cool thing to try: resume download from where you left off.

How To Download a File with curl

I'm downloading the **Solus 4.1 release** – it's a 1.7GB ISO image. Here's the command line that makes curl download the file and put it into local file (note the -O option):

```
greys@xps:~/Downloads/try $ curl -O
http://solus.veatnet.de/iso/images/4.1/Solus-4.1-Budgie.iso
```

How To Stop Download with curl

Now, if we press Ctrl+C to stop download, we'll end up with a partially downloaded file:

```
greys@xps:~/Downloads $ curl -O
http://solus.veatnet.de/iso/images/4.1/Solus-4.1-Budgie.iso
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
```

```

Time      Current
Spent     Left    Speed
   3 1692M   3 58.8M   0    0 2161k   0 0:13:21
0:00:27  0:12:54 4638k^C

```

```

greys@xps:~/Downloads $ ls -la Solus*iso
-rw-r--r-- 1 greys 102318080 Feb  7 22:58 Solus-4.1-
Budgie.iso
greys@xps:~/Downloads $ du -sh Solus-4.1-Budgie.iso
98M      Solus-4.1-Budgie.iso

```

How To Resume Download with curl

To resume download (rather than restart and begin downloading the whole file again), simply use the `-C` option. It's meant to be taking a specific offset in bytes, but also works if you specify `"-"`, when curl looks at existing file and decides what the offset should be automatically:

That's it, you can let the download complete now:

```

greys@xps:~/Downloads $ curl -C - -O
http://solus.veatnet.de/iso/images/4.1/Solus-4.1-Budgie.iso

```

```
** Resuming transfer from byte position 102318080
```

```

% Total    % Received % Xferd  Average Speed   Time    Time
Time      Current
                                Dload  Upload  Total  Spent
Left  Speed
100 1595M  100 1595M   0     0 2868k   0 0:09:29

```

0:09:29 --:--:-- 1766k

Here's my resulting file:

```
-rw-r--r-- 1 greys 1774911488 Feb  7 23:08 Solus-4.1-  
Budgie.iso
```

Don't Forget to Compare File Checksum!

Checking a checksum for newly downloaded ISO image is always a good practice, but it becomes a must when you're resuming downloads: in addition to ensuring you got the same ISO image software distributors intended, you're getting the assurance that your resumed download file is intact and fully operational.

I have downloaded Solus 4.1 SHA256 checksum from the same Solus Downloads page, and will use the sha256sum command to generate checksum for the ISO file. Obviously, both checksums must match:

```
greys@xps:~/Downloads $ cat Solus-4.1-Budgie.iso.sha256sum  
4bf00f2f50e7024a71058c50c24a5706f9c18f618c013b8a819db33482577d  
17 Solus-4.1-Budgie.iso  
greys@xps:~/Downloads $ sha256sum Solus-4.1-Budgie.iso  
4bf00f2f50e7024a71058c50c24a5706f9c18f618c013b8a819db33482577d  
17 Solus-4.1-Budgie.iso
```

That's it for today! I can't wait to try Solus 4.1, will post

about it shortly.

See Also

- **curl**
- [How To Resume wget downloads](#)
- **wget**
- [wget vs curl](#)
- [Check TCP connectivity with curl](#)
- [Ignore SSL warnings in curl](#)