

Re: Rpm download

# Re: Rpm download

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-11/msg06882.html>

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- *From:* Todd Zullinger <[tmz@xxxxxxxxxx](mailto:tmz@xxxxxxxxxx)>
  - *Date:* Thu, 30 Nov 2006 15:50:48 -0500
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Gene Heskett wrote:

On Thursday 30 November 2006 09:37, Todd Zullinger wrote:

[...]

The lightscribe.com site has an incorreccted mime-type set for .rpm files (audio/x-pn-realaudio-plugin), at least for .rpm files as most of us are used to them. You can use wget to download it:

That's not lacies mistake

Yes, it is their mistake. They are returning the wrong mime-type. See for yourself with curl:

```
$ curl --head
http://www.lightscribe.com/downloadSection/linux/downloads/lightscribe-1.4.124.1-linux-2.6-intel.rpm
HTTP/1.1 200 OK
Content-Length: 489040
Content-Type: audio/x-pn-realaudio-plugin <----- wrong
Last-Modified: Thu, 02 Nov 2006 20:20:20 GMT
Accept-Ranges: bytes
ETag: "05a6c51bcfec61:79d"
Server: Microsoft-IIS/6.0
X-Powered-By: ASP.NET
Date: Thu, 30 Nov 2006 20:41:09 GMT
```

Compare that to a server properly configured for .rpm software packages:

```
$ curl --head
http://download.fedora.redhat.com/pub/fedora/linux/core/6/i386/os/Fedora/RPMS/curl-7.15.5-1.fc6.i386.rpm
HTTP/1.1 200 OK
Date: Thu, 30 Nov 2006 20:48:48 GMT
Server: Apache
Last-Modified: Thu, 05 Oct 2006 23:21:52 GMT
ETag: "107529d-3a07b-9ee00400"
```

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Accept-Ranges: bytes  
Content-Length: 237691  
Cache-Control: max-age=86400  
Expires: Fri, 01 Dec 2006 20:48:48 GMT  
Content-Type: application/x-rpm <----- right

its the browsers mimetype associations and can be fixed if one is determined to.

You wouldn't be fixing it so much as rigging it if you forced all content with the mime-type audio/x-pn-realaudio-plugin to be downloaded or worse yet, sent to some tool that is expecting an rpm package. What if you want to view an actual Real Audio .rpm? The mime-type should be set properly by the web server to give the best indication to the browser of what it should be doing with the content.

Its also very very commonly made, and can be worked around by right clicking and choosing the save as option from the pop-up.

In this case that's difficult do to the lightscribe site not providing a direct link to the file but instead making the user click "I Agree" to a popup window and then redirecting to the (wrongly labelled) .rpm file.

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Todd OpenPGP -> KeyID: 0xBEAF0CE3 | URL: [www.pobox.com/~tmz/pgp](http://www.pobox.com/~tmz/pgp)

=====  
Revolution, n.:

In politics, an abrupt change in the form of misgovernment.

-- Ambrose Bierce

***Attachment: pgpqfuuwcIJCT.pgp***

*Description: PGP signature*

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fedora-list@xxxxxxxxxxx

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