

# Re: File on which LP

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-09/msg00074.html>

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- *From:* Hans-Dieter Kutz <[hdkutz@xxxxxxxx](mailto:hdkutz@xxxxxxxx)>
  - *Date:* Fri, 15 Sep 2006 18:01:01 +0200
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On Fri, Sep 15, 2006 at 11:33:03AM -0400, Paul Guglielmino wrote:

Sorry. Here's take 2, hit send too fast.

Interesting question. I'm not sure if this works (or if there is a better way – which there probably is) but here's a stab at it using /etc/passwd as an example. Some output delete for easier reading.

```
1. fileplace -p /etc/passwd
File: /etc/passwd Size: 53603 bytes Vol: /dev/hd4
Blk Size: 4096 Frag Size: 4096 Nfrags: 14 Compress: no
```

Physical Addresses (mirror copy 1) Logical  
Fragment

```
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11449289-11449292 hdisk0 4 frags 16384 Bytes, 28.6%
0111017-0111020
11449299-11449308 hdisk0 10 frags 40960 Bytes, 71.4%
0111027-0111036
```

2. frag size = 4k and starting frag is 0111017.  $0111017 * 4 / 1024 = 433M$ . The file starts 433M into the filesystem.

3. Run lspv hdisk0 to get PP size.  
lspv hdisk0  
PP SIZE: 128 megabyte(s)

```
4. lslv -m hd4
hd4:/
LP PP1 PV1 PP2 PV2 PP3 PV3
0001 0329 hdisk0 0329 hdisk1
0002 0330 hdisk0 0330 hdisk1
0003 0331 hdisk0 0331 hdisk1
0004 0350 hdisk0 0350 hdisk1
0005 0365 hdisk0 0365 hdisk1
0006 0366 hdisk0 0366 hdisk1
0007 0367 hdisk0 0367 hdisk1
0008 0368 hdisk0 0368 hdisk1
```

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0009 0369 hdisk0 0369 hdisk1

This is a map of LPs to PPs. 433M into the file at 128M/PP means you are on the 4rd PP (0350) of the filesystem to get the file. That translates into LP4 in our example. ( $433/128 = 3.38$  which is just past PP 3)

What do others think? Does this sound correct? Is there a better way?

Very interesting question!

Paul

Thanx for the quick answer.

Thumbling over some hotspot Reports from lvmstat of an Oracle Database on JFS2. Just want to know what lies on my hotspot-LV's to move them to another Disk.

Cheers,

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<http://www.hdkutz.de>

Luke Skywalker:

How did my father die?

Ben (Obi-Wan) Kenobi:

A young Jedi named Darth Vader, who was a pupil of mine until he turned to evil, helped the Empire hunt down and destroy the Jedi knights. He betrayed and murdered your father.