

Re: [PATCH] Open Firmware device tree virtual filesystem

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- *From:* David Kahn <dmk@xxxxxxxx>
 - *Date:* Sun, 31 Dec 2006 03:53:06 -0800
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David Miller wrote:

From: David Kahn <dmk@xxxxxxxx>
Date: Sun, 31 Dec 2006 02:11:53 -0800

All we've done is created a trivial implementation for exporting the device tree to userland that isn't burdened by the powerpc and sparc legacy code that's in there now.

So now we'll have `_3_` different implementations of exporting the OFW device tree via `procfs`. Your's, the `proc_devtree` of powerpc, and sparc's `/proc/openprom`

I would not exactly call what we have for powerpc "exporting the OFW device tree". I don't quite know what it is, but it isn't as simple as exporting the OFW device tree. I don't think we really wanted to get into any of that here.

If you want to do something new that consolidates everything, with the goal of deprecating the existing stuff, that's great! But with the way you're doing this, all the sparc and powerpc implementations really can't take advantage of it.

Sure they can take advantage of it, if what they need to export is a read-only copy of the actual device tree without any legacy burden or having a writable/changeable copy of it with a trivial implementation. But that's not up to us, and that's not what's been done for powerpc and sparc.

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This is a trivial implementation that suits it's purpose.
It's simple. I'm not sure what more is needed for this
project when it's pretty clear that i386 will never need
any additional support for open firmware.

–David

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