

Re: reiser4 plugins

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-07/0085.html>

From: David Masover (*ninja_at_slaphack.com*)

Date: 07/01/05

Date: Fri, 01 Jul 2005 02:47:55 -0500

To: Hubert Chan <hubert@uhoreg.ca>

Hubert Chan wrote:

> *On Thu, 30 Jun 2005 08:29:56 +0200, David Weinehall <tao@acc.umu.se> said:*

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>> *On Thu, Jun 30, 2005 at 12:33:10AM -0400, Hubert Chan wrote:*

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>>> *It's sort of like the way web servers handle index.html, for those*

>>> *who think it's a stupid idea. (Of course, some people may still*

>>> *think it's a stupid idea... ;-))*

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>> *And guess what? That's handled on the web server level (userland),*

>> *not by the file system. So different web servers can handle it*

>> *differently (think index.html.sv, index.html.zh, index.php, etc).*

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> *From the web *browser*'s point of view, it is handled by the*

> *"filesystem" (which is provided by the various servers). The browser*

> *doesn't care how or where the data is stored. It just requests a file,*

> *and gets some data back. So the browser doesn't have to check for*

> *<http://www.example.com/>, get a failure (trying to read a directory),*

> *check for <http://www.example.com/index.html>, etc. In this way, the web*

> *server controls (which I think takes the place of the filesystem in this*

> *case) what gets shown (index.html.sv, etc.), instead of the leaving it*

> *up to the browser.*

Somewhat flawed analogy, though. After the protocol definition, the browser proper will take any URL that the protocol handler likes, which is why file:// works. After the domain, the http/https handler will take any URL at all, except for maybe some character set issues. So assuming the server is compatible with itself, we don't have to worry about whether the browser supports going to a directory and having it behave as a file (index.html behavior), or going to a file and having it behave as a directory (as some scripts do -- I've seen urls that look like <http://example.com/foo.cgi/bar.h>