

## Re: [RFC] ifconfig: match by link-level address

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2004-05/0293.html>

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**From:** Louis A. Mamakos (*louie\_at\_TransSys.COM*)

**Date:** 05/24/04

To: Alex Semenyaka <flist@jabberwock.rinet.ru>

Date: Sun, 23 May 2004 19:37:37 -0400

This is all pretty interesting, though it seems like you'd only need to cobble together a shell script to do what you're after. The ifconfig command seems happy to tell you the MAC address of a specified interface.. It seems like an already present prototyping environment for this type of configuration is at hand.

louie

> On Thu, May 20, 2004 at 10:18:38AM -0700, Brooks Davis wrote:  
> >> This could be the first step towards teaching rc.conf about something like  
> >> network\_interfaces\_rename="hw-00:03:0d:08:dc:a7 sis0int"  
> > I don't really like the idea of adding magic values to the interface  
> > namespace that only work with ifconfig. If you want ifconfig to match  
>  
> I agree, but there is another option: make such things not ifconfig-specific.  
> I mean that it could be done though renaming the interface into the some  
> lladdr-dependent name with fixed format. For example,  
>  
> ifconfig fxp0 llname  
>  
> will rename fxp0 into hw-00-90-27-35-ca-0c. As far as we know the format and  
> MAC-address we could then do  
>  
> ifconfig hw-00-90-27-35-ca-0c name pppoeint  
>  
> This could be implemented easely right now and then automated though /etc/rc\*  
>  
> Actually the discussing feature is long time expected one, so it would be nice  
> to have it implemented finally :)  
>  
> Sincerely,  
> Alex Semenyaka  
>  
> \_\_\_\_\_  
> freebsd-net@freebsd.org mailing list  
> <http://lists.freebsd.org/mailman/listinfo/freebsd-net>

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