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Subject: Re: Changed gentoo-add\_ip.sh to work with baselayout-vserver-1.11.14-r3  
Posted by [Jason Stubbs](#) on Sat, 11 Mar 2006 10:27:48 GMT

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UPDATE: It seems the patch didn't get lost. It's been sitting in subversion and awaiting a release. I've asked that baselayout-vserver get a bump with the patch included until baselayout itself is ready for another release. The bug can be tracked at [http://bugs.gentoo.org/show\\_bug.cgi?id=125786](http://bugs.gentoo.org/show_bug.cgi?id=125786)

The following snippet is from the baselayout's iproute2 module:

```
iproute2_post_start() {
    local iface=${1} ifvar=$( interface_variable ${1} ) routes e r

    # Make sure interface is marked UP
    iproute2_up ${iface}

    eval routes=( "\${routes}_${ifvar}[@\]\}" )

    # Test for old style ipaddr variable
    if [[ -z ${routes} ]]; then
        eval routes=( "\${iproute}_${ifvar}[@\]\}" )
    fi

    [[ -z ${routes} ]] && return 0

    # Set routes with ip route -- this might also include default route
    einfo "Adding routes"
    eindent
    for x in "${routes[@]}"; do
        # Support net-tools routing too
        x=${x//gw/via}
        x=${x//-A inet6}

        einfo "${x}"
        e=$( ip route append dev ${iface} ${x} 2>&1 )
        case "${e}" in
            'RTNETLINK answers: File exists'|")
                ;;
            *) printf '%s\n' "${e}" >&2
                ;;
        esac
    done
    eoutdent
```

```
    return 0  
}
```

The routes variables takes on the value of whatever routes\_venet0 is so with a value of ( "default via 191.255.255.1 dev venet0" ) the command would end up being `ip route append dev venet0 default via 191.255.255.1 dev venet0`. The same thing will happen with either the iproute2 module or ifconfig module with the newer baselayout version.

In my opinion, I would say it the best course of action would be to leave vzctl as it is for the moment. I opened a bug with Gentoo today (as I should have done in the first place) as my 'verbal' report seems to have got lost. It shouldn't take too long for a newer version to come out. Either hollow or uberlord on irc.freenode.net could give you a better idea on the timeline.

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