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Subject: Re: [PATCH 1/2] src/vzlist.c: Fix "cast discards qualifiers from pointer target type" war

Posted by [kir](#) on Tue, 20 Feb 2007 05:52:14 GMT

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Thanks, committed to git:

<http://git.openvz.org/?p=vzctl;a=commitdiff;h=febbe762d120c1328f928f340d1c4a5661ceea5f>

That's actually the same as the last part of my patch to bug #434  
(<http://bugzilla.openvz.org/434>)

Dmitry V. Levin wrote:

> src/vzlist.c (\*\_sort\_fn, \*\_search\_fn): Add const qualifier to casts from const pointer type

>

> Signed-off-by: Dmitry V. Levin <ldv@altlinux.org>

> ---

> src/vzlist.c | 20 ++++++++-----

> 1 files changed, 10 insertions(+), 10 deletions(-)

>

> diff --git a/src/vzlist.c b/src/vzlist.c

> index 15fc5d4..ed076b0 100644

> --- a/src/vzlist.c

> +++ b/src/vzlist.c

> @@ -184,8 +184,8 @@ int none\_sort\_fn(const void \*val1, const void \*val2)

>

> int leverage\_sort\_fn(const void \*val1, const void \*val2)

> {

> - struct Cla \*la1 = ((struct Cveinfo \*)val1)->la;

> - struct Cla \*la2 = ((struct Cveinfo \*)val2)->la;

> + const struct Cla \*la1 = ((const struct Cveinfo \*)val1)->la;

> + const struct Cla \*la2 = ((const struct Cveinfo \*)val2)->la;

> int res;

>

> if ((res = check\_empty\_param(la1, la2)) == 2)

> @@ -202,14 +202,14 @@ int leverage\_sort\_fn(const void \*val1, const void \*val2)

> int id\_sort\_fn(const void \*val1, const void \*val2)

> {

> int ret;

> - ret = (((struct Cveinfo\*)val1)->veid > ((struct Cveinfo\*)val2)->veid);

> + ret = (((const struct Cveinfo\*)val1)->veid > ((const struct Cveinfo\*)val2)->veid);

> return ret;

> }

>

> int status\_sort\_fn(const void \*val1, const void \*val2)

> {

> int res;

> - res = ((struct Cveinfo\*)val1)->status - ((struct Cveinfo\*)val2)->status; if (!res)

> + res = ((const struct Cveinfo\*)val1)->status - ((const struct Cveinfo\*)val2)->status; if (!res)

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> res = id_sort_fn(val1, val2);
> return res;
> }
> @@ -217,8 +217,8 @@ int status_sort_fn(const void *val1, const void *val2)
> #define SORT_STR_FN(fn, name) \
> int fn(const void *val1, const void *val2) \
> { \
> - const char *h1 = ((struct Cveinfo*)val1)->name; \
> - const char *h2 = ((struct Cveinfo*)val2)->name; \
> + const char *h1 = ((const struct Cveinfo*)val1)->name; \
> + const char *h2 = ((const struct Cveinfo*)val2)->name; \
> int ret; \
> if ((ret = check_empty_param(h1, h2)) == 2) \
> ret = strcmp(h1, h2); \
> @@ -232,8 +232,8 @@ SORT_STR_FN(ip_sort_fn, ip)
> #define SORT_UL_RES(fn, type, res, name, index) \
> int fn(const void *val1, const void *val2) \
> { \
> - struct type *r1 = ((struct Cveinfo *)val1)->res; \
> - struct type *r2 = ((struct Cveinfo *)val2)->res; \
> + const struct type *r1 = ((const struct Cveinfo *)val1)->res; \
> + const struct type *r2 = ((const struct Cveinfo *)val2)->res; \
> int ret; \
> if ((ret = check_empty_param(r1, r2)) == 2) \
> ret = r1->name[index] > r2->name[index]; \
> @@ -612,12 +612,12 @@ void usage()
>
> int id_search_fn(const void* val1, const void* val2)
> {
> - return (*(int *)val1 - ((struct Cveinfo*)val2)->veid);
> + return (*(const int *)val1 - ((const struct Cveinfo*)val2)->veid);
> }
>
> int veid_search_fn(const void* val1, const void* val2)
> {
> - return (*(int *)val1 - *(int *)val2);
> + return (*(const int *)val1 - *(const int *)val2);
> }
>
> void print_hdr()
>
> -----
>

```

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