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List: [apache-modules](#)  
 Subject: [Re: \[apache-modules\] SEGV in ap\\_set\\_string\\_slot \(apache 2.0.47\)](#)  
 From: [Kannan Srinivasan <Kannan.Srinivasan\(.\) Sun ! COM>](#)  
 Date: [2003-09-04 10:20:09](#)  
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Neils,

Thanks very much. I made it to work by writing my own functions and after some hacking .

regards  
 K.Srinivasan

Niels Erik Holm wrote:

```
> Hi
>
> I had the same problems.
>
> It seems that ap_set_string_slot and similar routines are NOT working for server \
> config parameters, but only for per-directory configuration parameters.
> The only solution I found was to have a dedicated procedure for each configuration \
> parameter, which is a bit boring if you have many of them. It must be possible to \
> write a variant of ap_set_xx_slot that works for server config as well, but I \
> haven't had the time so far.
> Best regards
> Niels Erik Holm
>
> > -----Original Message-----
> > From: Kannan Srinivasan [mailto:Kannan.Srinivasan@Sun.COM]
> > Sent: Thursday, September 04, 2003 07:52
> > To: apache-modules@covalent.net
> > Subject: [apache-modules] SEGV in ap_set_string_slot (apache 2.0.47)
> >
> >
> > Hi all,
> >
> > I am developing a C++ module. I am using ap_set_string_slot to
> > populate
> > server config structure. But I am getting a crash as below:
> >
> > t@1 (l@1) terminated by signal SEGV (no mapping at the fault address)
> > 0x00033998: ap_set_string_slot+0x000c: st      %o2, [%o1 + %o3]
> > (.../share/forte_dev,v6.2/SUNWspro/bin/../../WS6U2/bin/sparcv9/dbx)
> > where
> > current thread: t@1
> > =>[1] ap_set_string_slot(0x0, 0x0, 0xc9e88, 0x0, 0x0, 0xfec8265c), at
> > 0x33998
> > [2] invoke_cmd(0xfde7c890, 0xffbfa68, 0x0, 0xb37f8, 0x79a70,
> > 0xc6519), at 0x329f8
> > [3] ap_walk_config_sub(0x0, 0xffbfa68, 0xc62f8, 0x118, 0x118,
> > 0x93d10), at 0x33710
> > [4] ap_walk_config(0xb37d8, 0xffbfa68, 0xc62f8, 0xc8380, 0x55,
> > 0xb2e78), at 0x337b4
> > [5] virtualhost_section(0xffbfa68, 0x94378, 0xc8370, 0x43f58, 0x0,
> > 0xfe39aa98), at 0x44008
> > [6] invoke_cmd(0x5a39c, 0xffbfa68, 0x94378, 0xb2e98, 0x79a70,
> > 0xff0000), at 0x329f8
> > [7] ap_walk_config_sub(0x0, 0xffbfa68, 0x94268, 0xfe137ec8,
> > 0xff31eb94, 0xfec31fb0), at 0x33710
> > [8] ap_walk_config(0xb2e78, 0xffbfa68, 0x94268, 0x6e538,
> > 0xfffffffff,
```

```

> > 0xffffffff), at 0x337b4
> > [9] ap_process_config_tree(0x93ca0, 0x95810, 0x79a70, 0xa5b20, 0x0,
> > 0x0), at 0x342a8
> > [10] main(0x93ca0, 0x79a70, 0xffbefbc8, 0x7085c, 0x0, 0x0),
> > at 0x369dc
> >
> >
> > My code snippet is as below:
> > -----
> >
> > static command_rec config_lbplugin_cmds[] = {
> > {"config-file", NULL,
> > (void*)APR_OFFSETOF(APACHELBPLUGIN_SERVER_CONFIG, CONFIG_FILE_PATH),
> > OR_ALL, TAKE1, "the lb.xml file"},
> > {"locale", NULL,
> > (void*)APR_OFFSETOF(APACHELBPLUGIN_SERVER_CONFIG, LOCALE), OR_ALL,
> > TAKE1, "the locale"},
> > {NULL, NULL, NULL, 0, cmd_how(0), NULL }
> > };
> >
> > I initialise the cmd_func fields set to NULL above, inside
> > register_hooks function as below. (This is a hack since it was
> > refusing
> > to compile under Forte 6.2 C++ compiler probably due to
> > missing support
> > of designated initializers).
> >
> > /* Register Hooks */
> > static void apachelbplugin_register_hooks(apr_pool_t *p)
> > {
> > config_lbplugin_cmds[0].func.take1 = ap_set_string_slot;
> > config_lbplugin_cmds[1].func.take1 = ap_set_string_slot;
> > ap_hook_post_config(apachelbplugin_init, NULL, NULL,
> > APR_HOOK_FIRST);
> > ap_hook_translate_name(apachelbplugin_name_trans, NULL, NULL,
> > APR_HOOK_MIDDLE);
> > ap_hook_handler(apachelbplugin_handle_req, NULL, NULL,
> > APR_HOOK_LAST);
> > }
> >
> >
> > Appreciate any help in this regard
> >
> >
> >
> > thanks
> > K.Srinivasan
> >
> > --
> >
> >
> >
> > -----
> > I want to know how God created universe, rest are just details
> > - Albert Einstein
> >
> >
> > Ptolemy created a universe that existed for 1000 years;
> > Copernicus created a universe that existed for 400 years;
> > Now Einstein has created a universe;
> > I don't know how long this will live
> > - G.Bernard Shaw
> > -----
> >
> >

```

> >  
> > -----  
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