

## strongSwan - Feature #2795

### using vici api(s) in the c++ application

11.10.2018 17:28 - M Thotager

<b>Status:</b> Closed	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Tobias Brunner	<b>Estimated time:</b> 0.00 hour
<b>Category:</b> vici	
<b>Target version:</b> 5.7.2	
<b>Resolution:</b> Fixed	

**Description**

Hi Team,

I'm using the vici interface in the c++ application and got the below linking errors as extern "c" linkage is missing in the libvici.h file.

```
: undefined reference to `vici_init()'
: undefined reference to `vici_connect(char*)'
: undefined reference to `vici_begin(char*)'
: undefined reference to `vici_add_key_valuef(vici_req_t*, char*, char*, ...)'
: undefined reference to `vici_add_key_valuef(vici_req_t*, char*, char*, ...)'
: undefined reference to `vici_add_key_value(vici_req_t*, char*, void*, int)'
```

Modified the headerfile to get it working locally, can these changes be made to branch ?

Thanks,  
Mallesh

#### Associated revisions

##### Revision f18945df - 18.10.2018 15:14 - Tobias Brunner

libvici: Wrap header in extern "C" to include it from C++

Fixes #2795.

#### History

##### #1 - 11.10.2018 19:01 - Tobias Brunner

- *Tracker changed from Issue to Feature*
- *Status changed from New to Feedback*
- *Target version set to 5.7.2*
- *Affected version deleted (5.7.1)*

Thanks for the patch, I've pushed it to the *2795-libvici-cpp* branch. However, instead of using *libvici*, which might be problematic due to its GPLv2 license (unless you already have a commercial strongSwan license or create an open-source software), I'd recommend you have a look at the [davici C library](#), which is licensed under the more permissive LGPLv2.1 license.

##### #2 - 11.10.2018 19:20 - M Thotager

Thanks Brunner for the input, I will explore the davici C library.

##### #3 - 18.10.2018 15:16 - Tobias Brunner

- *Category set to vici*
- *Status changed from Feedback to Closed*
- *Assignee set to Tobias Brunner*
- *Resolution set to Fixed*

#### Files

libvici.h.patch

501 Bytes

11.10.2018

M Thotager