

## Prewikka - Bug #350

### Agents tab: list index out of range

05/20/2009 01:46 PM - Vitaly Tskhovrebov

<b>Status:</b>	Resolved	<b>Start date:</b>	05/20/2009
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Yoann VANDOORSELAERE	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.9.15		
<b>Resolution:</b>			
<b>Description</b>			
<ul style="list-style-type: none"><li>• app-admin/prelude-manager Latest version installed: 0.9.14.2</li><li>• dev-libs/libprelude Latest version installed: 0.9.22</li><li>• dev-libs/libpreludedb Latest version installed: 0.9.15.1</li><li>• net-analyzer/prewikka Latest version installed: 0.9.14</li></ul>			
Traceback (most recent call last): File "/usr/lib/python2.6/site-packages/prewikka/Core.py", line 333, in process getattr(view_object, view["handler"])() File "/usr/lib/python2.6/site-packages/prewikka/views/sensor.py", line 115, in render analyzerid = analyzer_path[-1] IndexError: list index out of range			
Please, help. Other tabs Prewikka works good.			

#### Associated revisions

##### Revision 78826d2f - 06/10/2009 12:51 PM - Yoann VANDOORSELAERE

Analyzer retrieval fixes and speedup.

Make the database requests used to generate the agents view simpler, which should provide a minor speedup. Make the getAnalyzer() function simpler. Prevent failure in case an analyzer has no analyzerID set.

Fixes #350.

#### History

##### #1 - 06/04/2009 11:56 AM - Yoann VANDOORSELAERE

Could you please enable SQL query logging, and report the error logs here ?

You can do this by editing the **[idmef\_database]** section in the prewikka.conf configuration file, adding:

```
log: /tmp/prewikka.log
```

**#2 - 06/04/2009 11:56 AM - Yoann VANDOORSELAERE**

- Status changed from New to Feedback
- Assignee set to Yoann VANDOORSELAERE
- Target version set to 0.9.15

**#3 - 06/05/2009 12:28 PM - Vitaly Tskhovrebov**

- File *pre.tar.bz2* added

Here it is.

Explanation - log turned on, then i've gone to the prewikka's homepage, then Agents.

**#4 - 06/09/2009 11:15 AM - Yoann VANDOORSELAERE**

- File *prewikka-debug.diff* added

For one reason or another, there seem to be an analyzer with an empty ID.  
In order to confirm this, could you please apply the attached patch, and report the prewikka-httpd output when going to the agent view?

**#5 - 06/09/2009 12:13 PM - Vitaly Tskhovrebov**

I believe you're right, because there was one agent incorrectly added. But there's no option anywhere to remove agents, and i didn't find any solutions to remove it directly.

The traceback now is the same:  
Traceback (most recent call last):  
File "/usr/lib/python2.6/site-packages/prewikka/Core.py", line 333, in process  
getattr(view\_object, view["handler"])()  
File "/usr/lib/python2.6/site-packages/prewikka/views/sensor.py", line 115, in render  
analyzerid = analyzer\_path[-1]  
IndexError: list index out of range

I have an access to postgres directly, so please tell me the right place to look for misconfigured agent?

Anyway, prewikka should not lock up on this issue. :-)

**#6 - 06/09/2009 12:40 PM - Yoann VANDOORSELAERE**

- File *prewikka.diff* added

The attached patch should fix the problem, as well as making the agents view load a little faster.

Once the patch is applied, please let me know:

- Whether you can see the offending analyzer in the generated agent list.
- Whether deleting this analyzer succeed.

**#7 - 06/09/2009 01:12 PM - Vitaly Tskhovrebov**

The Show Must go on, Yoann.

Traceback (most recent call last):

File "/usr/lib/python2.6/site-packages/prewikka/Core.py", line 333, in process

getattr(view\_object, view["handler"])()

File "/usr/lib/python2.6/site-packages/prewikka/views/sensor.py", line 114, in render

analyzer = self.env.idmef\_db.getAnalyzer(analyzerid)

File "/usr/lib/python2.6/site-packages/prewikka/IDMEFDatabase.py", line 539, in getAnalyzer

analyzer[column] = analyzer[column]

TypeError: 'NoneType' object is unsubscriptable

**#8 - 06/09/2009 01:58 PM - Yoann VANDOORSELAERE**

Thanks for the quick feedback,

On line 526, immediately after:

```
for analyzer in heartbeat["analyzer"]:
```

Could you please insert:

```
    print "A=", analyzer
    print "N=", analyzer["name"]
    print "I=", analyzer["analyzerid"]
```

And provides the prewikka-httpd output?

**#9 - 06/09/2009 01:59 PM - Vitaly Tskhovrebov**

We will continue tomorrow, Yoann. Thanks for your support!

**#10 - 06/10/2009 08:19 AM - Vitaly Tskhovrebov**

Traceback (most recent call last):

```
File "/usr/lib/python2.6/site-packages/prewikka/Core.py", line 333, in process
getattr(view_object, view["handler"])()
File "/usr/lib/python2.6/site-packages/prewikka/views/sensor.py", line 114, in render
analyzer = self.env.idmef_db.getAnalyzer(analyzerid)
File "/usr/lib/python2.6/site-packages/prewikka/IDMEFDatabase.py", line 542, in getAnalyzer
analyzerd[column] = analyzer[column]
TypeError: 'NoneType' object is unsubscriptable
```

**#11 - 06/10/2009 11:08 AM - Yoann VANDORSELAERE**

- File *prewikka.diff* added

Updated patch attached. This should at least allow you to get a working agent view (although deleting an Agent with an empty ID will require manual database operation at the moment).

**#12 - 06/10/2009 11:19 AM - Vitaly Tskhovrebov**

I haven't any \*.tmpl files. Cannot apply patch correctly.

```
spbsec02 templates # pwd
/usr/lib/python2.6/site-packages/prewikka/templates
spbsec02 templates # ls -l
total 364
-rw-r--r-- 1 root root 17386 May 15 17:33 About.py
-rw-r--r-- 1 root root 69668 May 15 17:33 AlertListing.py
-rw-r--r-- 1 root root 15392 May 15 17:33 ClassicLayout.py
-rw-r--r-- 1 root root 5314 May 15 17:33 Command.py
-rw-r--r-- 1 root root 11105 May 15 17:33 ErrorTemplate.py
-rw-r--r-- 1 root root 15985 May 15 17:33 FilterEdition.py
-rw-r--r-- 1 root root 6703 May 15 17:33 HTMLDocument.py
-rw-r--r-- 1 root root 9888 May 15 17:33 HeartbeatAnalyze.py
-rw-r--r-- 1 root root 13817 May 15 17:33 HeartbeatListing.py
-rw-r--r-- 1 root root 7908 May 15 17:33 LoginPasswordForm.py
-rw-r--r-- 1 root root 8503 May 15 17:33 MessageDetails.py
-rw-r--r-- 1 root root 37675 May 15 17:33 MessageListing.py
-rw-r--r-- 1 root root 15901 May 15 17:33 MessageSummary.py
-rw-r--r-- 1 root root 7879 May 15 17:33 PropertiesChangeForm.py
-rw-r--r-- 1 root root 5478 May 15 17:33 SensorAlertListing.py
-rw-r--r-- 1 root root 5504 May 15 17:33 SensorHeartbeatListing.py
-rw-r--r-- 1 root root 30105 May 15 17:33 SensorListing.py
-rw-r--r-- 1 root root 7182 May 15 17:33 TopLayout.py
-rw-r--r-- 1 root root 9337 May 15 17:33 UserListing.py
-rw-r--r-- 1 root root 16593 May 15 17:33 UserSettings.py
-rw-r--r-- 1 root root 0 Mar 4 2008 __init__.py
-rw-r--r-- 1 root root 7891 May 15 17:33 utils.py
```

**#13 - 06/10/2009 11:21 AM - Yoann VANDOORSELAERE**

Vitaly Tskhovrebov wrote:

I haven't any \*.tmpl files. Cannot apply patch correctly.

You should apply the patch on top of a Prewikka-0.9.14 source tree, then run:

```
python setup.py install
```

So that the patched source base is installed.

**#14 - 06/10/2009 12:18 PM - Vitaly Tskhovrebov**

- File *prewikka.PNG* added

Ok, i've got a picture of some misconfigured analyzers. How to remove them?

**#15 - 06/10/2009 12:50 PM - Yoann VANDOORSELAERE**

Vitaly Tskhovrebov wrote:

Ok, i've got a picture of some misconfigured analyzers. How to remove them?

```
preludedb-admin delete heartbeat "type=mysql user=prelude pass=prelude name=prelude" --criteria '! heartbeat.a  
nalyzer.analyzerid'
```

Note: do this only for heartbeat. Doing it for alert will delete LML events.

Note

**#16 - 06/10/2009 12:54 PM - Yoann VANDOORSELAERE**

- Status changed from *Feedback* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [78826d2f202eed44ee222353ead7d13ec5b9ef0b](#).

**Files**

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pre.tar.bz2	12.4 KB	06/05/2009	Vitaly Tskhovrebov
prewikka-debug.diff	739 Bytes	06/09/2009	Yoann VANDOORSELAERE
prewikka.diff	22.7 KB	06/09/2009	Yoann VANDOORSELAERE
prewikka.diff	38.7 KB	06/10/2009	Yoann VANDOORSELAERE
prewikka.PNG	21.3 KB	06/10/2009	Vitaly Tskhovrebov