# Prewikka - Bug #140

## Prewikka heartbeat problem

03/28/2006 12:53 PM -

| | | | |
|---|---|---|---|
| **Status:** | Closed | **Start date:** | |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | Yoann VANDOORSELAERE | **% Done:** | 0% |
| **Category:** | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | |
| **Resolution:** | fixed | | |

**Description**

Hi,

When i try to enter in "Agent" link or in "Heartbeat" tab i recive the following "Unknow Generic Error":

```
Traceback (most recent call last):
  File "/usr/lib/python2.3/site-packages/prewikka/Core.py", line 306, in process
    getattr(view[[object"] view["handler]])()
  File "/usr/lib/python2.3/site-packages/prewikka/views/messagelisting.py", line 1213, in render
    self._setMessages(criteria)
  File "/usr/lib/python2.3/site-packages/prewikka/views/messagelisting.py", line 1170, in _setMess
ages
    message = self.env.idmef_db.getHeartbeat(ident)
  File "/usr/lib/python2.3/site-packages/prewikka/IDMEFDatabase.py", line 310, in getHeartbeat
    return Heartbeat(preludedb_get_heartbeat(self._db, ident))
[[PreludeDBError]]: Unknown generic error
```

System info:
Debian
Apache/2.0.55
mod_chroot/0.5
mod_python/3.1.3
Python/2.3.5
PHP/4.4.2-1
Cheetah 1.0

Using CGI configuration for apache.

### History

**#1 - 04/07/2006 11:31 AM - Yoann VANDOORSELAERE**

*- Status changed from New to Assigned*

Could you please provide the version information concerning libprelude, libpreludedb and Prewikka ?

**#2 - 04/07/2006 12:18 PM -**

Ok:

libprelude-0.9.7.2
libpreludedb-0.9.7
prewikka-0.9.3

If i delete all the heartbeat and alert records it works but its empty

#### #3 - 04/07/2006 12:25 PM - Yoann VANDOORSELAERE

In order to do the step ahead, please upgrade to libpreludedb 0.9.7.1.

Once you are done, please edit your **prewikka.conf** configuration file, and under the *[idmef_database]* section, add the following setting:

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

Restart Prewikka and start watching the logfile.
Reproduce the problem, and get the last query available from the log before the issue arise. Copy it here.

#### #4 - 04/07/2006 12:39 PM -

Hi,

```
0.000846s SELECT name, version from _format
0.005377s SELECT t0.analyzerid FROM Prelude_Heartbeat AS top_table LEFT JOIN Prelude_Analyzer AS t0 ON (t0._pa
rent_type='H' AND t0._message_ident=top_table._ident AND t0._index = -1) GROUP BY 1
0.003533s SELECT DISTINCT(top_table._ident), t0.time, t0.gmtoff, t0.usec FROM Prelude_Heartbeat AS top_table L
EFT JOIN Prelude_CreateTime AS t0 ON (t0._parent_type='H' AND t0._message_ident=top_table._ident) LEFT JOIN Pr
elude_Analyzer AS t1 ON (t1._parent_type='H' AND t1._message_ident=top_table._ident AND t1._index = -1) WHERE
t1.analyzerid = '2518527016165437' ORDER BY 2 DESC LIMIT 1
0.000530s SELECT messageid, heartbeat_interval FROM Prelude_Heartbeat WHERE _ident = 1
0.001615s SELECT analyzerid, name, manufacturer, model, version, class, ostype, osversion FROM Prelude_Analyze
r WHERE _parent_type = 'H' AND _message_ident = 1 AND _index != -1 ORDER BY _index ASC
0.001147s SELECT ident, category, location, name FROM Prelude_Node WHERE _parent_type = 'H' AND _message_ident
 = 1 AND _parent0_index = 0
0.000910s SELECT ident, name, pid, path FROM Prelude_Process WHERE _parent_type = 'H' AND _message_ident = 1 A
ND _parent0_index = 0
0.000904s SELECT arg FROM Prelude_ProcessArg WHERE _parent_type = 'H' AND _message_ident = 1 AND _parent0_inde
x = 0 AND _index != -1 ORDER BY _index ASC
0.000859s SELECT env FROM Prelude_ProcessEnv WHERE _parent_type = 'H' AND _message_ident = 1 AND _parent0_inde
x = 0 AND _index != -1 ORDER BY _index ASC
0.000519s SELECT time, gmtoff, usec FROM Prelude_CreateTime WHERE _parent_type = 'H' AND _message_ident = 1
```

#### #5 - 04/07/2006 12:46 PM - Yoann VANDOORSELAERE

Please start the database command line client, and manually run the query in order to get the error.

```
mysql -u username -p database_name
SELECT time, gmtoff, usec FROM Prelude_CreateTime WHERE _parent_type = 'H' AND _message_ident = 1;
```

Assuming it is always the same query that fail (please double check).

#### #6 - 04/07/2006 12:53 PM -

Here is:

```
time    gmtoff    usec
2006-04-07 10:35:36 7200 682945
```

This queries return me empty query

```
SELECT arg FROM Prelude_ProcessArg WHERE _parent_type = 'H' AND _message_ident = 1 AND _parent0_index = 0 AND
_index != -1 ORDER BY _index ASC
SELECT env FROM Prelude_ProcessEnv WHERE _parent_type = 'H' AND _message_ident = 1 AND _parent0_index = 0 AND
_index != -1 ORDER BY _index ASC
```

#### #7 - 04/07/2006 12:57 PM - Yoann VANDOORSELAERE

It is okay for both query to return no value.

I'm affraid in the current state of things, I'll need you to add assertion in the libpreludedb classic plugin code in order to trace where the problem happen. You might want to join *irc.freenode.net, #prelude* - so I can provide you with instruction for debugging the issue.

#### #8 - 04/10/2006 02:33 PM - Yoann VANDOORSELAERE

*- Status changed from Assigned to Closed*

*- Resolution set to fixed*

(In r8129) Upon connection to the database, set default date style to ISO (SET DATESTYLE TO 'ISO').
This is needed since libpreludedb assume ISO format to parse database timestamp.

Not doing this resulted in error when trying to read data from postgreSQL database
if the user used specific lc_time setting in postgresql.conf.

Fix #140.

**#9 - 04/29/2009 12:24 PM - Yoann VANDOORSELAERE**

*- Project changed from PRELUDE SIEM to Prewikka*

*- Category deleted (5)*

*- Target version deleted (0.9.8)*

**#10 - 02/08/2012 08:07 PM - Thomas GIRARD**

*- Target version deleted (0.9.8)*