

## Klever - Bug #9087

### IndexError: pop from empty list

07/11/2018 11:04 AM - Evgeny Novikov

<b>Status:</b>	Closed	<b>Start date:</b>	07/11/2018
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Vladimir Gratinskiy	<b>% Done:</b>	0%
<b>Category:</b>	Bridge	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.0	<b>Published in build:</b>	
<b>Detected in build:</b>	svn		
<b>Platform:</b>			

#### Description

It seems that we need a bit more robust error traces comparison:

```
[11.Jul.2018 07:44:44] Error traces comparison failed: pop from empty list
Traceback (most recent call last):
  File "/var/www/bridge/marks/ConvertTrace.py", line 104, in __convert
    return ErrorTraceConversionCache.objects.get(unsafe=self.unsafe, function=self.function).converted
  File "/usr/local/lib/python3.4/dist-packages/django/db/models/manager.py", line 82, in manager_method
    return getattr(self.get_queryset(), name)(*args, **kwargs)
  File "/usr/local/lib/python3.4/dist-packages/django/db/models/query.py", line 403, in get
    self.model._meta.object_name
marks.models.DoesNotExist: ErrorTraceConversionCache matching query does not exist.
```

During handling of the above exception, another exception occurred:

```
Traceback (most recent call last):
  File "/var/www/bridge/marks/UnsafeUtils.py", line 366, in __connect
    compare_result = CompareTrace(self._functions[mark_id], self._patterns[mark_id], unsafe).result
  File "/var/www/bridge/marks/CompareTrace.py", line 68, in __init__
    self.result = func()
  File "/var/www/bridge/marks/CompareTrace.py", line 90, in thread_call_forests
    converted_et = self.__get_converted_trace('thread_call_forests')
  File "/var/www/bridge/marks/CompareTrace.py", line 109, in __get_converted_trace
    ).parsed_trace()
  File "/var/www/bridge/marks/ConvertTrace.py", line 93, in __init__
    self.converted = self.__convert()
  File "/var/www/bridge/marks/ConvertTrace.py", line 106, in __convert
    self._parsed_trace = ConvertTrace(self.function.name, self.error_trace).pattern_error_trace
  File "/var/www/bridge/marks/ConvertTrace.py", line 61, in __init__
    self.pattern_error_trace = func()
  File "/var/www/bridge/marks/ConvertTrace.py", line 84, in thread_call_forests
    return ErrorTraceForests(self.error_trace, all_threads=True).trace
  File "/var/www/bridge/reports/etv.py", line 759, in __init__
    self.trace = self.__get_forests(get_error_trace_nodes(self.data))
  File "/var/www/bridge/reports/etv.py", line 774, in __get_forests
    forests.extend(self.__collect_forests(threads[t]))
  File "/var/www/bridge/reports/etv.py", line 851, in __collect_forests
    forest[fname].return_from_func()
  File "/var/www/bridge/reports/etv.py", line 697, in return_from_func
    self.call_stack.pop()
IndexError: pop from empty list
```

Unfortunately, I can't provide you concrete examples of error traces and unsafe marks to catch the issue, since there are hundreds of them while the exception doesn't point out any.

## History

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### #1 - 07/16/2018 08:23 PM - Evgeny Novikov

- *Target version changed from 1.1 to 2.0*

Let's Vladimir will do this after his vacation.

### #2 - 09/21/2018 02:20 PM - Vladimir Gratinskiy

- *Status changed from New to Resolved*

The exception now should be caught (earlier it became "Unknown error" for mark association). Implemented in "bridge-2.0".

### #3 - 10/04/2018 04:21 PM - Evgeny Novikov

- *Status changed from Resolved to Closed*

Tests passed, so, I merged the branch to master in [b8bda00ac](#).