

Database - Bug #6919

fix ErrorManager.displayError in TempTableBuilder

11/08/2022 12:36 PM - Constantin Asofiei

Status: Review	Start date:
Priority: High	Due date:
Assignee: Boris Schegolev	% Done: 100%
Category:	Estimated time: 0.00 hour
Target version:	case_num:
billable: No	
vendor_id: GCD	
Description	
Related issues:	
Related to Base Language - Bug #5761: replace ErrorManager.displayError with ... New	

History

#2 - 11/08/2022 12:43 PM - Constantin Asofiei

- Priority changed from Normal to High

FWD uses ErrorManager.displayError instead of going through recordOrShowError, in i.e. TempTableBuilder.tempTablePrepareImpl. For example:

```
def temp-table ttl field f1 as int.  
def var ht as handle.  
create temp-table ht.  
ht:create-like(temp-table ttl:handle).  
run proc0.  
  
procedure proc0.  
  
ht:temp-table-prepare("").  
catch e as progress.lang.error :  
  message e.  
end.  
  
end.
```

In this case, the CATCH block forces a OO structured exception to be raised, while FWD will just display it. OE does not raise an ERROR condition.

This task is meant to test and fix all cases of ErrorManager.displayError in TempTableBuilder and AbstractTempTable.

#3 - 11/08/2022 12:46 PM - Constantin Asofiei

- Related to Bug #5761: replace `ErrorMessageManager.displayError` with `recordOrThrowError` and fix `recordOrShowError` to morph into a `recordOrThrowError` in certain cases. added

#4 - 11/13/2022 11:05 PM - Eric Faulhaber

- Assignee set to *Boris Schegolev*

#5 - 11/21/2022 05:58 PM - Boris Schegolev

- Status changed from *New* to *WIP*

- % Done changed from 0 to 90

- File `6919.diff` added

I am attaching my changes for review. This should be the complete implementation, I will do more testing tomorrow.

#6 - 11/25/2022 05:30 PM - Ovidiu Maxiniuc

Review of `6919.diff`.

Good job! There were a lot of methods to check.

Interesting findings. I was not expecting in several cases that only the message to be displayed without raising the error level. It has a logical part though: instead of checking the system error, the ABL programmer just need to check the logical value returned by the method.

I see you added static import for `ErrorMessageManager`. There are very few places where this is done in FWD, the places where it is done is due the silent blocks. There is a chance this was done automatically by the IDE. I do not say it is a bad thing, but I think we should be consistent. Please either use static calls for all the static calls to `ErrorMessageManager` or remove the import and use the class qualification for static methods where `recordOrShowError()` is invoked.

`TempTableBuilder:3275`: Please add back the secondary space between the phrases. I am also not a great fan of this, but this is the error message in legacy application so we are forced to keep it. Also, please try to keep the length of code lines smaller than 110 char limit set by GCD code standard (there is another occurrence at line 3376).

I do not see other major issue so after fixing at least the double space at `TempTableBuilder:3275`, the patch can be committed to 3821c (at least this is the branch the attached `.diff` fit for me).

LE: of course, do not forget to add the history-entry in the file header.

#7 - 11/28/2022 06:42 PM - Boris Schegolev

- Status changed from *WIP* to *Review*

- % Done changed from 90 to 100

Ovidiu Maxiniuc wrote:

I see you added static import for `ErrorMessageManager`. There are very few places where this is done in FWD, the places where it is done is due the silent blocks. There is a chance this was done automatically by the IDE. I do not say it is a bad thing, but I think we should be consistent. Please

either use static calls for all the static calls to `ErrorManager` or remove the import and use the class qualification for static methods where `recordOrShowError()` is invoked.

I did that on purpose to keep the lines short. I reverted that, now method calls are qualified with `ErrorManager`. so that we are consistent with the rest of the codebase.

`TempTableBuilder:3275`: Please add back the secondary space between the phrases. I am also not a great fan of this, but this is the error message in legacy application so we are forced to keep it.

Honestly, I thought that was a typo :)

LE: of course, do not forget to add the history-entry in the file header.

Done. Thank you for review and hints!

Pushed revision 3821c/14398.

#8 - 02/16/2023 03:19 PM - Eric Faulhaber

Is there anything left to do on this task, or can we close it?

#9 - 03/09/2023 03:03 PM - Boris Schegolev

My understanding is that we can close it.

Files

6919.diff	20.4 KB	11/21/2022	Boris Schegolev
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