

Base Language - Bug #8643

ErrorManager not handling caught errors and error-status:error attribute properly

04/17/2024 08:54 AM - Dănuț Filimon

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		case_num:	
billable:	No		
vendor_id:	GCD		
Description			

History

#1 - 04/17/2024 09:00 AM - Dănuț Filimon

- File ignoreerror.p added
- File langerrorcheck.p added
- File raiseerror.p added
- File dset.xml added

This issue is a continuation of #8614 that involves two problems that need to be solved. I've attached 4 files:

- raiseerror.p
 - 4GL:
 - First error that will popup: Error reading XML file '<file>.xml'. (13035)
 - Second error that will popup: READ-XML encountered an error while parsing the XML Document: FATA ERROR: file '<file>.xml', line '3', column '3', message 'unterminated start tag '<tag>". (13064)
 - Message window containing: no error raised
 - FWD:
 - First error that will popup: Error reading XML file '<file>.xml'. (13035)
 - Second error that will popup: READ-XML encountered an error while parsing the XML Document: FATA ERROR: file '<file>.xml', line '3', column '3', message 'Unexpected '<' character in element (missing closing '>?') at [row,col {unknown-source}]: [3,3]'. (13064)
 - Message window containing: no error raised
- ignoreerror.p
 - 4GL:
 - Message window containing: no Error reading XML file '<file>.xml'. (13035)
 - FWD:
 - Message window containing: yes Error reading XML file '<file>.xml'. (13035)
- langerrorcheck.p
 - 4GL:
 - Message window containing 2 errors: Error reading XML file '<file>.xml'. (13035) and READ-XML encountered an error while parsing the XML Document: FATA ERROR: file '<file>.xml', line '3', column '3', message 'unterminated start tag '<tag>". (13064)
 - FWD:
 - Message window that contains only 1 error: Error reading XML file '<file>.xml'. (13035)
- dset.xml: an invalid xml file (has a deleted '>')
 - Needs to be placed in deploy/client/ when working with the first 3 files mentioned.
 - Alternatively, it is possible to uncomment the RUN write-schema from the .p files, convert, run the test to create dset.xml and make it invalid by deleting a tag then reconvert without RUN write-schema to not override it.

These FWD scenarios are only obtainable with the fix from **8614a** branch.

There are three objectives for this issue:

1. ignoreerror.p displays error-status:error as no in 4GL and yes in FWD. I tried to use ErrorManager.recordOrShowError with isError flag set to false but this breaks langerrorcheck.p because instead of the message window, it display an error popup which is not correct;
2. langerrorcheck.p only shows the first error in FWD because in ErrorManager.recordOrShowError() line 1205 it sets manageLegacyError to true and throws a DeferredLegacyErrorException at line 1242. This results in a single error being thrown and caught;
3. similar to DATASET, test READ-XML for TEMP-TABLE.

- Project changed from Runtime Infrastructure to Base Language

Files

dset.xml	747 Bytes	04/17/2024	Dănuț Filimon
raiseerror.p	1.77 KB	04/17/2024	Dănuț Filimon
langerrorcheck.p	1.93 KB	04/17/2024	Dănuț Filimon
ignoreerror.p	1.81 KB	04/17/2024	Dănuț Filimon