

DebugIT.HYPER

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WRITTEN BY		December 11, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

DebugIT.HYPER

1.1 main

DebugIT - API client

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DebugIT is a small compiler error management system.

Introduction
How to use DebugIT
ARexx commands
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1.2 Introduction

Basic requirements to use this program are OS3.0+, GoldED and the SAS/C compiler package. DebugIT will open a window listing all errors reported by your compiler after a compiler pass. Doubleclick on an error to make the editor load the corresponding file and position the cursor over the error. DebugIT is an API client, using the application interface of GoldED: Once you have installed this utility (CONFIG/API requester of GoldED) it will behave as if it were part of the editor itself: it will share the editor's screen, share the editor's ARexx port, exit if you leave the editor and add commands to the editor's set of internal commands (you may use them in ARexx macros as if they were built-in commands of GoldED).

1.3 How to use DebugIT

Run GoldED and open the editor's API requester. Add DebugIT to the list of clients (save your settings if you want the editor to launch DebugIT during every startup). Hit the NEW gadget of DebugIT after a compiler pass to make DebugIT update the error list: DebugIT will pull error messages and warnings from the compiler's port SC_SCMSG (you may have to set a compiler switch to make the compiler maintain this port). DebugIT's window is font sensitive and resizable - messages are reformatted if necessary to fit into the window. Use

the SHOW menu to choose the kind of information you are looking for: Turn off "show warnings" if you aren't interested in warnings. Or turn off "lines" to make DebugIT omit line numbers. Click at the DEL gadget to remove errors from the list and thus keep track of what is left to do.

1.4 ARexx commands

This utility will add several new internal commands to GoldED:

command	option	description
DEBUG	SHOW/S	show error list, activate window
	HIDE/S	hide error list
	ARRANGE/S	arrange window
	ABOUT/S	show copyright message
	X/N	set x position of window (UWORD)
	Y/N	set y position of window (UWORD)
	W/N	set window width (UWORD)
	H/N	set window height (UWORD)
	CONFIG/K	load preset file (STRING)
command	option	description
ERROR	ADD/K	add this message to list of errors (STRING)
	LINE/N	error line (UWORD 1, ...)
	COLUMN/N	error column (UWORD 1, ...)
	FILE/K	module name (STRING)
	ERROR/S	error class: fatal
	WARNING/S	error class: warning
	INFO/S	error class: info
	NOTE/S	error class: note
	CLEAR/S	clear list of errors
command	option	description
RENDEVOUZ	SAS/S	get list of errors from SAS compiler

1.5 Bugs

I have been unable to test this utility since I don't own the SAS/C compiler package (DebugIT has been developed using DICE). It may or may not work.