DebugIT.HYPER

COLLABORATORS

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	DebugIT.HYPER		
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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.

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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 utilitiy (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.