DebugIT.HYPER

COLLABORATORS

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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.