



AHELP for CIAO 3.4

`_auto_declare`

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Synopsis

Set automatic variable declaration mode

Syntax

```
Integer_Type _auto_declare
```

Description

The `_auto_declare` may be used to have all undefined variables implicitly declared as static. If set to zero, any variable must be declared with a variable declaration before it can be used. If set to one, then any undeclared variable will be declared as a static global variable.

The `_auto_declare` variable is local to each compilation unit and setting its value in one unit has no effect upon its value in other units. The value of this variable has no effect upon the variables in a function.

Example

The following code will not compile if `X` not been declared:

```
X = 1;
```

However,

```
_auto_declare = 1;    % declare variables as static.  
X = 1;
```

is equivalent to

```
static variable X = 1;
```

NOTES

This variable should be used sparingly and is intended primarily for interactive applications where one types S-Lang commands at a prompt.

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URL:
http://cxc.harvard.edu/ciao3.4/_auto_declare.tm.html
Last modified: December 2006