



AHELP for CIAO 3.4

`__class_type`

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Synopsis

Return the class-type of a specified type

Syntax

```
Int_Type __class_type (DataType_Type type)
```

Description

Internally S-Lang objects are classified according to four types: scalar, vector, pointer, and memory managed types. For example, an integer is implemented as a scalar, a complex number as a vector, and a string is represented as a pointer. The `__class_type` function returns an integer representing the class-type associated with the specified data type. Specifically, it returns:

0	memory-managed
1	scalar
2	vector
3	pointer

See Also

slangrtl

[__class_id](#), [__eqs](#), [__get_reference](#), [__is_initialized](#), [__pop_args](#), [__push_args](#), [__nargs](#), [__typeof](#), [array_info](#), [dup](#), [is_defined](#), [is_struct_type](#), [length](#), [typecast](#), [typeof](#)

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URL:
http://cxc.harvard.edu/ciao3.4/___class_type.tm.html

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