



---

*AHELP for CIAO 3.4*

# import

Context: [slangrtl](#)*Jump to: [Description](#) [See Also](#)*

---

## Synopsis

Dynamically link to a specified module

## Syntax

```
import (String_Type module [, String_Type namespace])
```

## Description

The `import` function causes the run-time linker to dynamically link to the shared object specified by the `module` parameter. It searches for the shared object as follows: First a search is performed along all module paths specified by the application. Then a search is made along the paths defined via the `set_import_module_path` function. If not found, a search is performed along the paths given by the `SLANG_MODULE_PATH` environment variable. Finally, a system dependent search is performed (e.g., using the `LD_LIBRARY_PATH` environment variable).

The optional second parameter may be used to specify a namespace for the intrinsic functions and variables of the module. If this parameter is not present, the intrinsic objects will be placed into the global namespace.

This function signals an error if the specified module is not found.

The `import` function is not available on all systems.

## See Also

*slangrtl*

[get namespaces](#), [autoload](#), [byte compile file](#), [current namespace](#), [eval](#), [evalfile](#),  
[get import module path](#), [getenv](#), [implements](#), [putenv](#), [require](#), [set import module path](#),  
[set slang load path](#), [uname](#), [use namespace](#)

## Ahelp: import – CIAO 3.4

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.  
60 Garden Street, Cambridge, MA 02138 USA.  
Smithsonian Institution, Copyright © 1998–2006. All rights reserved.

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