

URL: <a href="http://cxc.harvard.edu/ciao3.4/bugs/module\_conflicts.html">http://cxc.harvard.edu/ciao3.4/bugs/module\_conflicts.html</a>
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## **Bugs: S-Lang Module Conflicts**

## **Caveats**

1. Duplicate Definition error due to namespace conflict

Importing the isis module in *Sherpa* or importing both isis and sherpa in *ChIPS* or slsh will produce a Duplicate Definition error. The problem arises because some function names (e.g. set\_axes) are common to both modules. The issue appears only when isis is imported into the global namespace (i.e. import("isis")).

Note that this is *not* a bug but rather the expected behavior of the S–Lang interpreter when encountering duplicate definitions for intrinsic functions.

## Workaround:

Import isis into a local namespace: import("isis", "foo").

## **Bugs**

1. Importing certain combinations of modules causes problems (Mac OS X)

The following table lists the problems, the S–Lang interpreter(s) to which they apply, and suggested workarounds:

Module	Interpreter	Problem	Workaround
sherpa with pixlib or caldb; isis with chips or varmm	ChIPS, slsh	A list of "undefined symbols" is printed at exit from the interpreter. The error occurs only at exit and has no effect on the preceding session.	None

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