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## S-Lang in CIAO

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### *What is S-Lang?*

S-Lang is a powerful scripting language written and maintained by [John E. Davis](#) of the Center for Space Research at MIT. It is an interpreted language (which means no compile or link stages) that is used by a number of programs (e.g. [ISIS](#), [jed](#), [lynx](#)) as a scripting and control language.

A few highlights of the language:

- Has a C-like syntax without the worries of memory management.
- Provides a powerful array-based numerical computing environment.
- Programs can easily add new commands to extend the language.

The CIAO why topic [S-Lang as the CIAO Scripting Language](#) explains in detail how S-Lang was chosen for inclusion in CIAO.

The [S-Lang Library Information Page](#) contains a great deal of information about S-Lang. The "S-Lang in CIAO" webpages are intended to help the user distill this information and learn specifically how to use the scripting language within the CIAO software package.

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URL:  
<http://cxc.harvard.edu/ciao3.4/slang/index.html>  
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