



S-Lang

The S-Lang language and Sherpa/S-Lang module provide a powerful means of extending *Sherpa's* capabilities through custom-made functions and scripts. The threads here introduce *Sherpa's* S-Lang functionality and provide some examples of its use.

- Introduction to the Sherpa S-Lang Module
- Changing the grouping scheme of a dataset within Sherpa
Uses: the `sherpa_utils.sl` S-Lang script
- Fitting FITS Image Data
Uses: the `sherpa_plotfns.sl` S-Lang script
- Accessing fit results using S-Lang
- Advanced customization of Sherpa plots
Uses: the `sherpa_plotfns.sl` S-Lang script
- Calculating K-corrections using S-Lang and Sherpa
Uses: the `sherpa_utils.sl` S-Lang script
- See the Preparing to Run ChaRT thread for another example of using S-Lang to extend *Sherpa*

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URL:
<http://cxc.harvard.edu/sherpa3.4/threads/slang.html>
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