

Install Notes for “SpecT”

An IDL GUI for temperature calculation/measurement

Note: This software is provided AS IS without any warranty. The package is modified from a working system at GSECARS sector at the Advanced Photon Source.

Permission to use.

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1. Software packages required (The package has been tested only under Window):

IDL 6.0 or up (or equivalent IDL Virtual Machine which is free)

WinSpec (from Roper Scientific for detector control)

2. IDL procedures required:

SpecT.pro

SpecT.prc

SpecT_eventcb.pro

Mpfitting package (<http://cow.physics.wisc.edu/~craigm/idl/idl.html>)

3. Suggested directory

Under “C:\IDL\SpecT\”

Copy the following files:

SpecT.pro

SpecT.prc

SpecT_eventcb.pro

RunTParam.txt

RunTParam.ini

EPICSParam.txt

EPICSParam.ini

ReadMe.txt

AboutInfo.txt

IDL-mpfitting ;a directory

4. IDL setup:

Under File>Preference, add one *path* to “C:\IDL\SpecT” and check the box enabling the ‘search subdirectories’.

Compile SpecT.pro and SpecT_eventcb.pro

5. Installation is complete. Just type “spect” in the command line to execute the software

6. Read ‘readme’ file from Help menu for instructions

