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SpecTk 1.6.3

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6/20/2024



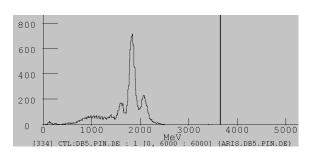


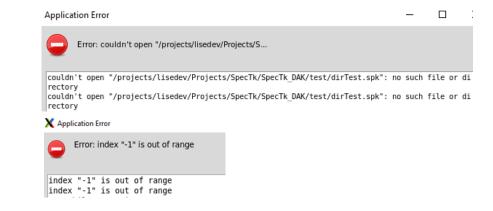


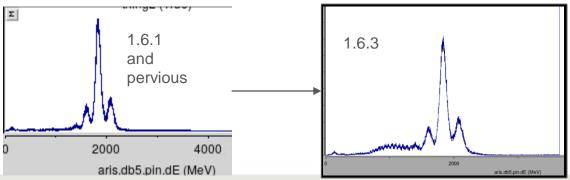
Bug Fixes

Bug Fixes

- Directory bug has been addressed
 - Occured when the directory a file pointed to changed ie.
 SpecTk/1.6.3→SpecTk_Versions/ 1.6.3
- Graphing bugs
 - -1 index bug
 - Tail bug (The last data point of all spectra in previous versions was getting cut off)





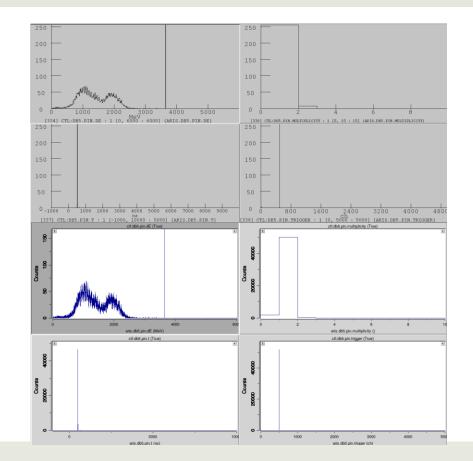




Xamine Compatibility

New Functions

- Xamine options added under file in SpecTk
 - To use exported saves go to Xamine->File->Restore
- Xamine Export
 - Selects the current page and exports as chosen name to the chosen directory
- Xamine Export All
 - Exports all pages to the current SpecTk directory with the name of each page as the file name
- Xamine Import
 - Chosen Xamine save is imported with the file name as the page name



Summary

Install/Setup

 Version 1.6.3 can be found <u>Here</u> or Locally at I:\projects\lisedev\Projects\SpecTk_Versions

Changes

- 3 Bug fixes
- Xamine compatibility added
 - Export / Export all
 - Import

Work In Progress

- Increased performance currently targeting config loading
- Fixing a bug with how data is being read from SpecTcl

```
package require Thread

set pages [$List getPages]
set threadList {}

foreach p $pages {
    set threadId [thread::create]
        thread::send -async $threadId [list readPage $p]
        lappend threadList $threadId
}

foreach tid $threadList {
    thread::join $tid
}
```

I am attempting to add multithreading to the page loading process with the use of the Threads package