# Setup

## Demo folder covering desktop, containing:

### Application

### CmdLine folder

#### Command Line Version

#### Command line demo script

### One sample bias file

### Gathered files folder

#### All the bias I need

#### Some darks

### Masters output folder

### Incomplete set folder

### Set with different temperatures

# Intro

## What’s this program

## What are bias files

### Show one

### Noise in camera

### Sometimes used

#### Make scalable dark frames

#### Calibrate flat frames

# Intro to the Program

## Show collection of bias files

### Show that there are some darks in there, don’t worry about it.

## Show program

### This is a Mac

### There is also a windows version, identical except for Windows UI changes such as location of menu bar

## Run program

## Show preferences

## Show options tab

## Show main screen

# Demo of GUI

## Open files

## Show select-all filter

## Single combine

### Mean

#### Show cosmic ray hits

### Median

#### Show outliers gone

### Sigma

#### Show outliers gone

#### Say (can’t show) better SNR

## Show button disabled if multiple binnings selected

## Show “group by size”

### Re-enables button

### Run it

### Show grouping in console

### Show grouped result files

## Show “Group by temperature”

### Explain width parameter

### Show test data

### Run it

### Show grouping in console

### Show grouped result files

## Show disposition option

### Might not have complete sets yet

### Let’s process the complete ones and set them aside

### Options

#### “Ignore less than”

#### “disposition”

### Run that

# Demo of Command Line

## Comment on using this from the source

### Run with python command; or

### Edit main program with location of python interpreter

## Show help output

## Show how to set up in a script

## Example script