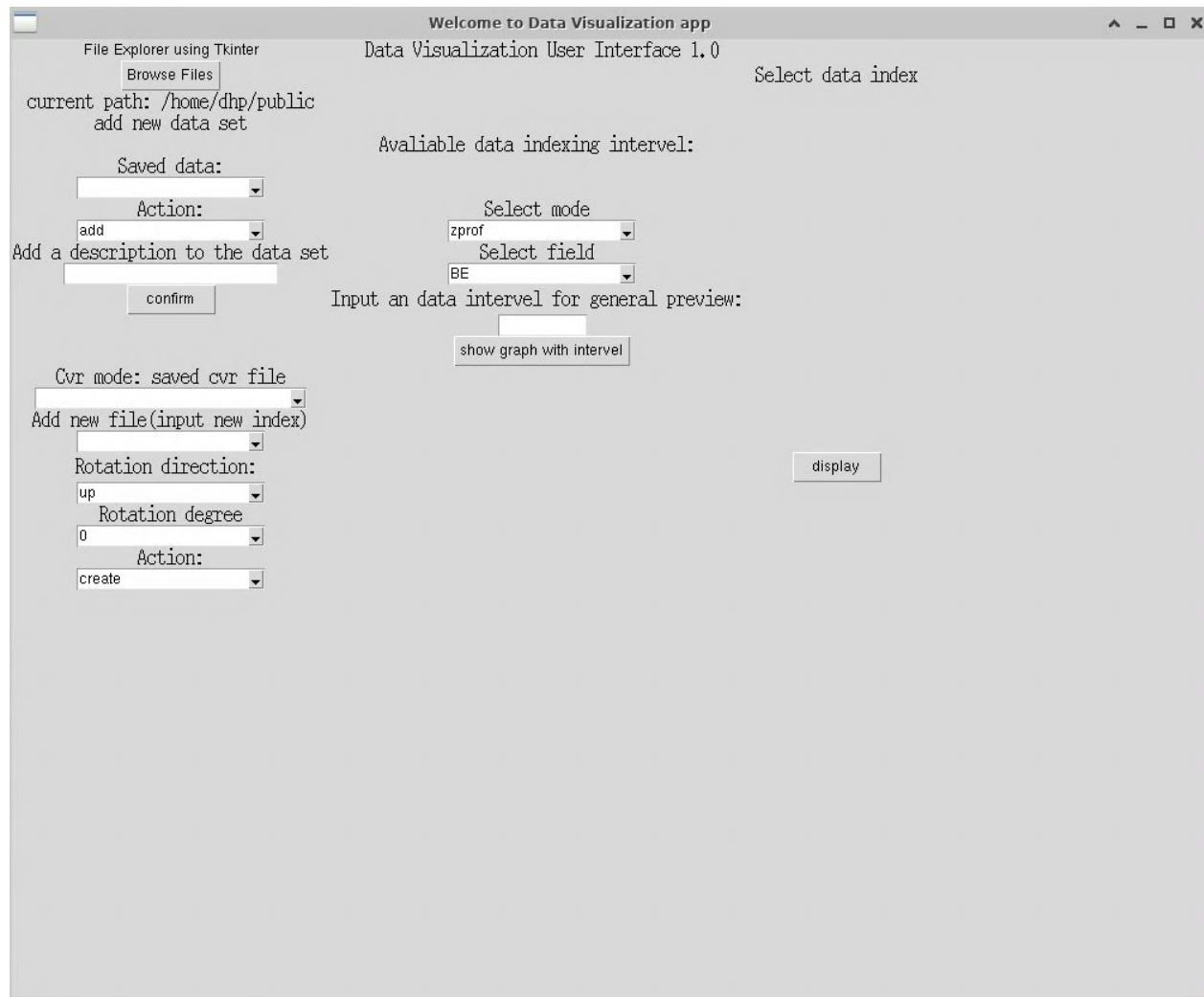
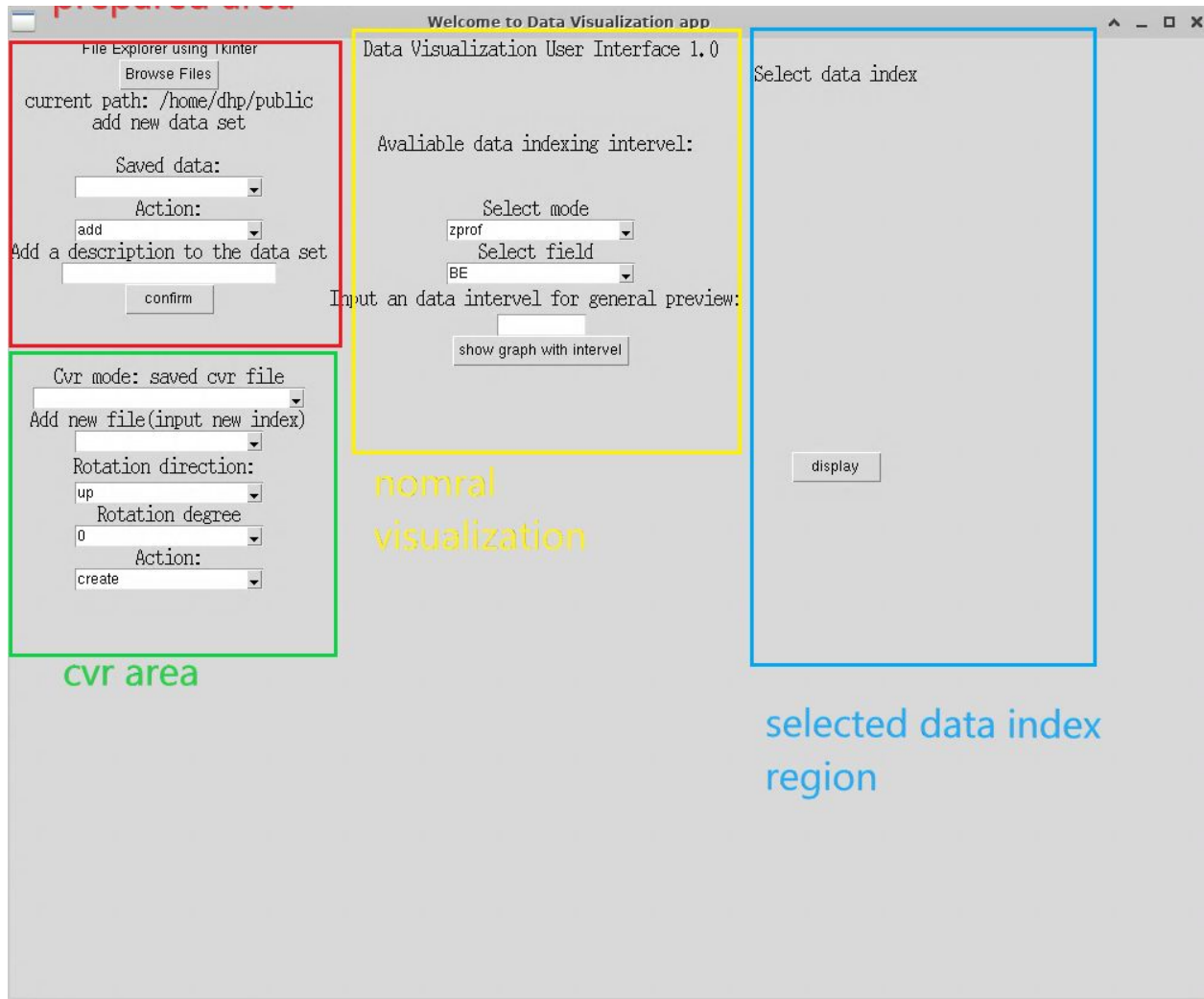


This is how it look like when open the notebook:



There are four zones in this notebook:



Red one is prepared zone

Yellow one is normal visualization

Blue is selected data index region

Green is cvr area

The correct order for using it is

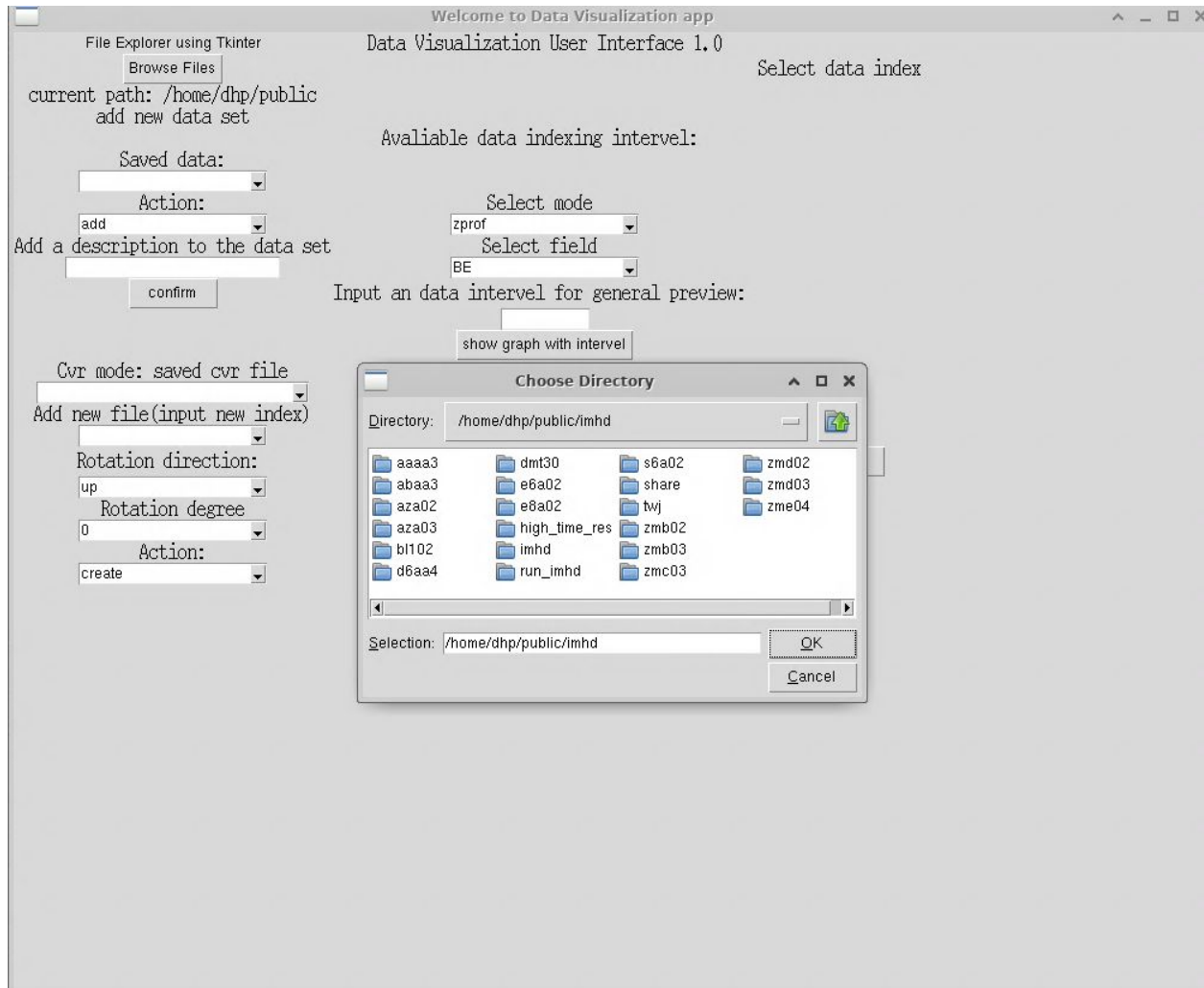
visualization for interval: Prepared zone-> normal visualization

visualization for specific data: Prepared zone-> normal visualization->selected data index

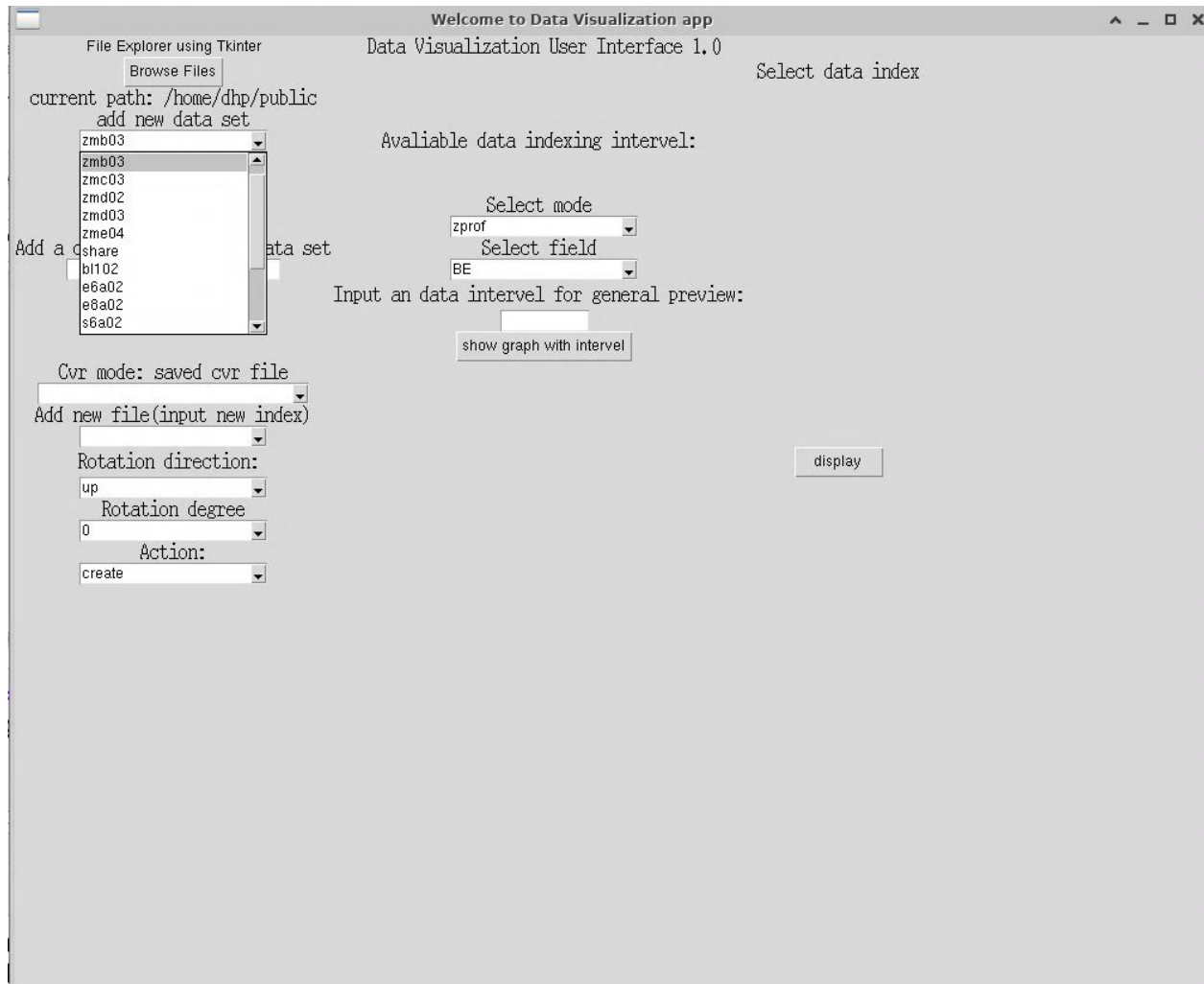
Cvr mode: Prepared zone-> normal visualization -> cvr area

For prepared zone:

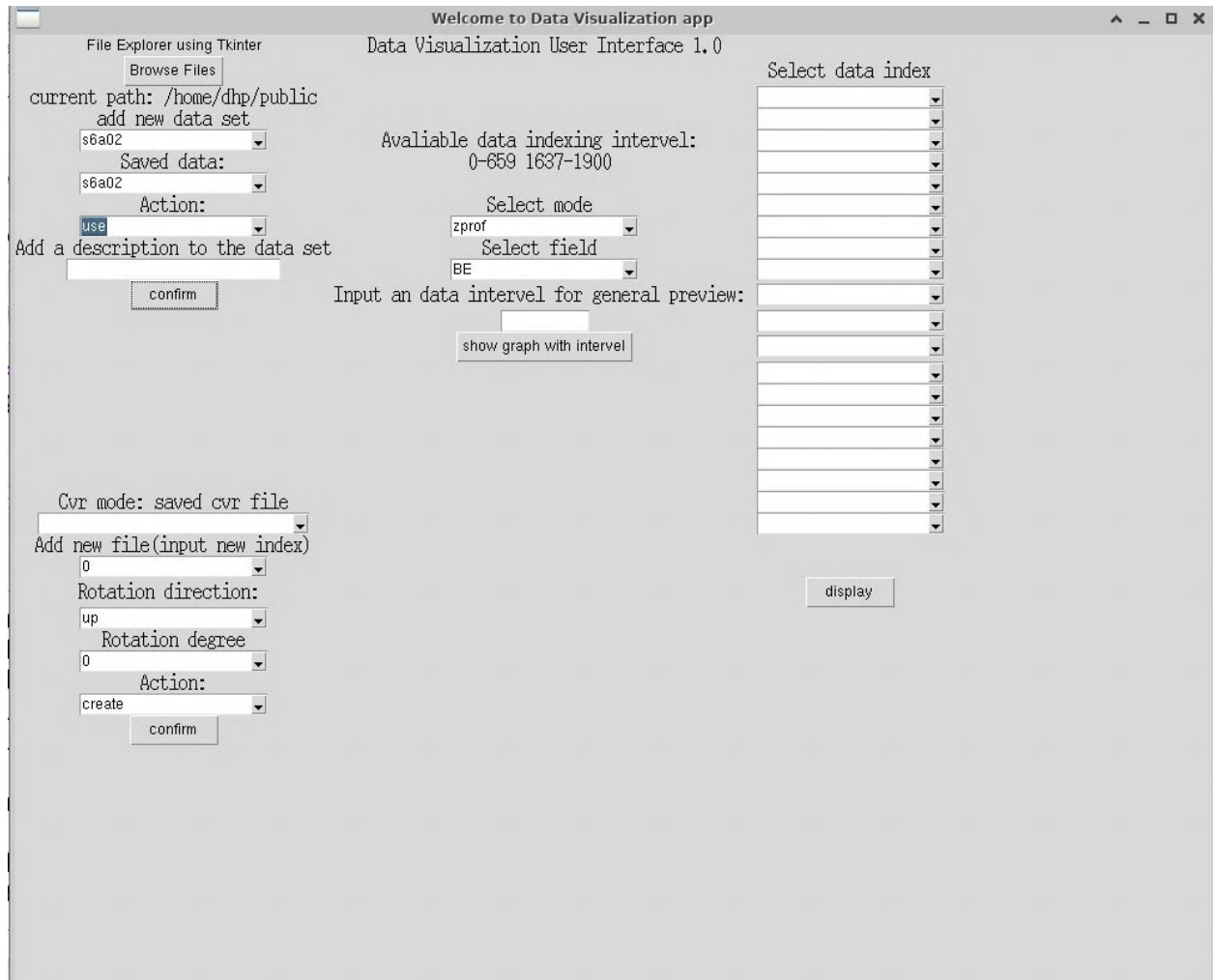
First you need to select a directory, which includes a list of data directory. For example, in this case, we choose /home/dhp/public/imhd and click Ok.



Then all the data are loaded into "add new data set". Then select one and click add in the action box and click confirm



Then in the saved data box, s6a02 is shown. It will save here even you open the program next time.



If you want to use one data directory, simply select one from “saved data” and switch the option to “use”. Then you can see interval showing up:

Welcome to Data Visualization app

Data Visualization User Interface 1.0

File Explorer using Tkinter

Browse Files

current path: /home/dhp/public

add new data set

s6a02

Saved data:

s6a02

Action:

use

Add a description to the data set

confirm

Available data indexing interval:
0-659 1637-1900

Select mode

zprof

Select field

BE

Input an data interval for general preview:

show graph with interval

Select data index

display

Cvr mode: saved cvr file

Add new file(input new index)

0

Rotation direction:

up

Rotation degree

0

Action:

create

confirm

It gives you an available data indexing interval. Then next step is selecting mode and field. There are a few options which are fixed.

File Explorer using Tkinter

Browse Files

current path: /home/dhp/public

add new data set

s6a02

Saved data:

s6a02

Action:

use

Add a description to the data set

confirm

Cvr mode: saved cvr file

Add new file(input new index)

0

Rotation direction:

up

Rotation degree

0

Action:

create

confirm

Data Visualization User Interface 1.0

Avaliable data indexing interval:

0-659 1637-1900

Select mode

zprof

Select field

BE

KE

gBE

B1

B2

B3

V1

V2

V3

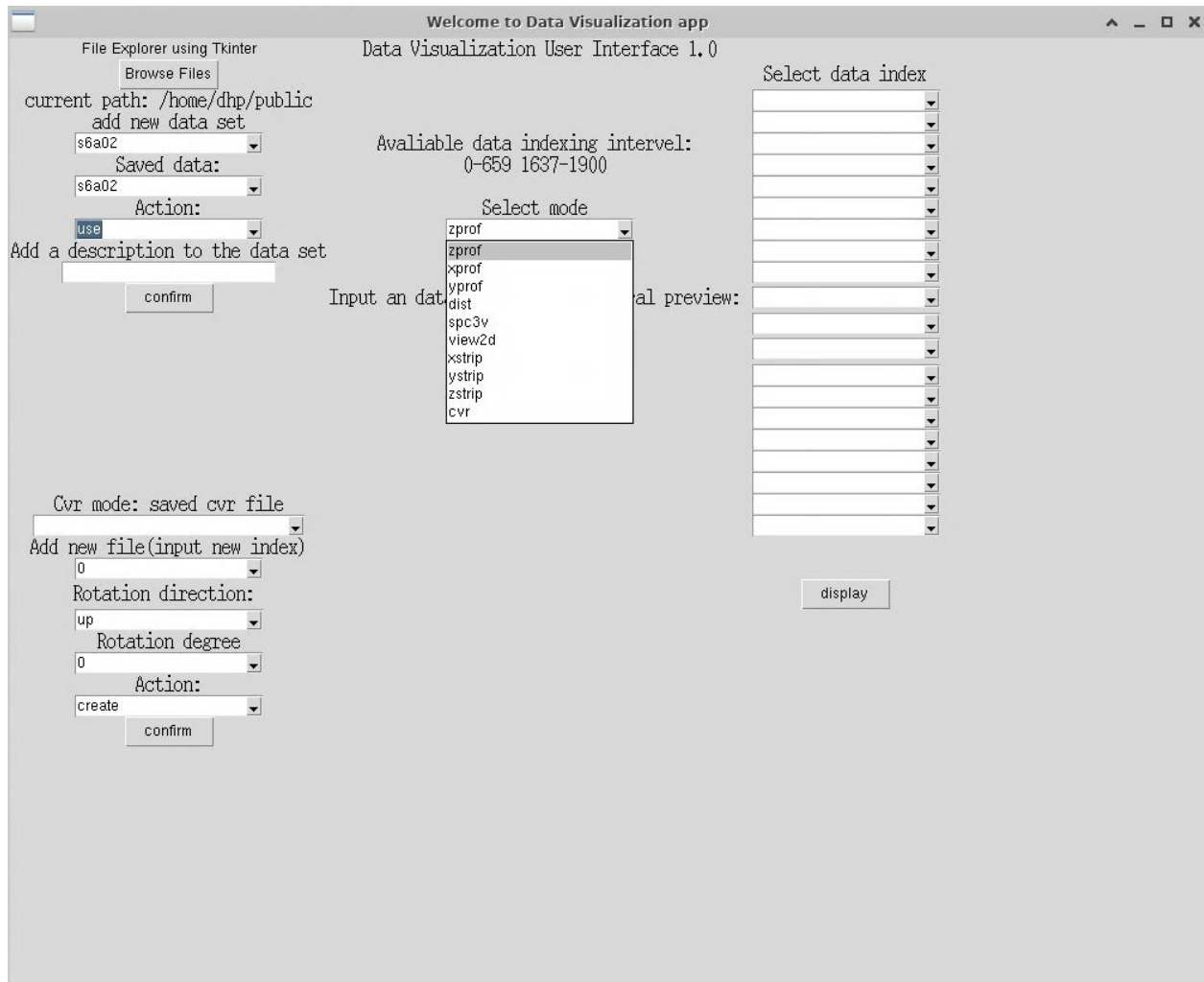
Vav

Input an data

al preview:

Select data index

display



After selecting the mode and field, you can choose interval mode or select data index mode. For interval mode, simply input an interval number in the text box. Then some figures will show up after a few seconds.

For the selected mode, input a number in the interval or choose from the combo box. You can choose up to 20 images at the same time. Then the figures will be displayed.