Standard Operating Procedure

\<UsingLibrary>

include;

superapi::supercore;
superapi::superfiledialog;
superapi::superfilemanager;
superapi::supergroupbox;
superapi::superlogger;
superapi::supernotedialog;
superapi::superplot;
superapi::superprogressbardialog;
superapi::supertab;
superapi::superwindow;

public;

csvdatabox public superapi::supertab;
csvdatabox::datadialog public superapi::superwindow;
csvdatabox::itemdialog public superapi::superwindow;
csvdatabox::infodialog public superapi::superwindow;

\<CsvDataBox>

Process Files

clicked;

process files by selected function;
include merge,remove duplicate,open path;

☐ merge csv files

Statechanged;

add merge csv files function or not;

☐ remove duplicate

Statechanged;

add remove duplicate function or not;

☐ open path

Statechanged;

add open path function or not after process files;

\<CsvDataBox::Datadialog>

data

clicked;

change to data tab;

plot

clicked;

change to plot tab;

Edit

clicked;

if widget text is Edit,
enable edit mode,set widget text as Apply;
else
enable view mode,save current tab to csv file,set widget text as Edit;

cpk: double limit, chart: histogram

nousercontrol;

display cpk cal mode;
display chart mode;

__example__

nousercontrol;

display current item's title;

Mean: 0

nousercontrol;

display current plot's mean value;

Sigma: 46.8215

nousercontrol;

display current plot's signa value;

Cpk: 0.884577

nousercontrol;

display current plot's cpk value;

clicked;
    change mouse operate mode as select;

clicked;
    change mouse operate mode as move;

clicked;
    replot data;

clicked;
    plot select data at data tab;

clicked;
    change cpk cal mode;
    include double,upper,lower;

clicked;
    change chart display mode;
    cpk mode include histogram,line,scatter;
    grr mode include range,appraiser,part,interaction;

clicked;
    open grr rules dialog;

clicked;
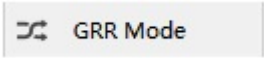   refresh current data;

clicked;
    open items dialog;

\<CsvDataBox::Itemdialog\>

itemdoubleclicked;
    plot items data by current mode;
itemrightclicked;
    exec option menu;
    include open,grr mode / cpk mode;

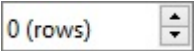triggered;
    plot items data by current mode;

triggered;
    change current mode as grr / cpk;

\<CsvDataBox::InfoDialog\>

textchanged;
    change grr rules;

Version Logs

\<20220209 Version 1.06\>

    use supertab,supergroupbox api;

\<20220113 Version 1.05\>

fix bugs daily;
add load and record function;

<202111206 Version 1.04>

add grr function;

<20211126 Version 1.03>

add check function before open file;

<20211021 Version 1.02>

replace qmessagebox with supernotedialog;

<20211008 Version 1.01>

add explain for every function;
not include init function;

<20211003 Version 1.00>

first release;