

Bugs List

<wavdata>

```
wavdata::wavdatabox;

multimedia key can not response at app opened use administrator;
```

Standard Operating Procedure

<UsingLibrary>

```
include;

superapi::supercolordialog;
superapi::supercore;
superapi::superfiledialog;
superapi::supernotedialog;
superapi::supertabwidget;
superapi::superwindow;

public;

supertools public superapi::superwindow;
supertools::supermain public superapi::supertabwidget;
```

<SuperTools>

<SuperTools::SuperInit>

Default Setting

clicked;

read file at "./_readme__/_setting__/_defaultsetting_.ini";
if file is empty,load serialport module;

...

clicked;

open file dialog and select setting file;
operate related widgets;
add setting file's name to lineedit;

Local Setting

clicked;

load setting from lineedit files;

setting.ini file

nousercontrol;

display local setting file;

<SuperTools::SuperMain>

Themes

mouseenter;

exec themes menu;
include initbox's action: original,color,heartofiron,goertek;

Load

mouseenter;

exec load menu;
include plugin,setting;

Plugin

triggered;

control + Key_L;

open filedialog at "./_readme__/_module__/" and split .pdf file;
select module to import;

Setting

triggered;





open filedialog at "./_readme__/_setting__/" and split .ini file;
select setting to import;

Setting

1

	Change Language
mouseenter;	exec setting menu; include change language action;;
triggered;	change supertools' language; no develop now;
	Help
mouseenter;	exec help menu; include open cache path,version,instructions;
	Open Cache Path
triggered;	
control + Key_O;	open folder at "./__depycache__/_cache__";
	Version
triggered;	open file at "./__readme__/_version__/_super_.pdf"
	Readme
triggered;	find current tab name at "./__readme__/_module__",and open;
	Superapi
triggered;	open file at "./__readme__/_version__/_superapi_.pdf"
	Save
triggered;	
control + Key_S;	save current tabs' name to setting opened;
	Save As
triggered;	save current tabs' name as another setting;
	Quit
triggered;	eject choose dialog,select close or not;
	
clicked;	
control + Key_P;	set as current tab,eject choose dialog; close this tab or not;

<SuperTools::SuperTray>

	
activated;	show this; move application to center;
doubleclicked;	show this; move application to center;
rightclicked;	exec tray menu; include regedit,task manager,computer manager,quit;
	regedit
triggered;	run start regedit.exe command;
	taskmanager
triggered;	run start taskmgr.exe command;
	computermanager
triggered;	



Version Logs

<Version 6.22.0404.S052.A122>

supertools source adpating to ubuntu kde x11 platform;
optization user experience;
update superapi for linux;
update supertools icon;

<Version 6.22.0330.S051.A121>

develop supertools for linux;

<Version 6.22.0325.S050.A121>

update super.dll;
fix super.dll close tab bugs;

<Version 6.22.0322.S049.A121>

update wasapi.dll;

<Version 6.22.0321.S048.A121>

fix wasapi.dll bugs;

<Version 6.22.0319.S047.A121>

update supercore api;
fix wavdata.dll bugs;
fix superwindow api bugs;

<Version 6.22.0315.S046.A120>

update superfinddialog api;

<Version 6.22.0313.S045.A119>

remove build folder for github space;
add msvc2019 compiler and add different variable for platform;
update superhook api;

<Version 6.22.0309.S044.A118>

update superfilemanager api;

<Version 6.22.0306.S043.A117>

update superfiledialog api;

<Version 6.22.0304.S042.A116>

remove supervisa api;
remove superwidgettimer api;

<Version 6.22.0302.S041.A115>

fix relay.dll bugs;
fix richer.dll bugs;

<Version 6.22.0301.S040.A115>

update supertab api;
remove super.dll creat cache file function;
update richer.dll;

<Version 6.22.0228.S039.A114>

fix wavdata.dll bug;
update superwindow api;

<Version 6.22.0225.S038.A113>

update super.dll;
replace setting menu text as config;
update superwindow api;
update game.dll;

<Version 6.22.0224.S037.A112>

update readme and rebuild all super.dll;
fix wavdata.dll bugs;

<Version 6.22.0222.S036.A112>

update supercore api;
fix super.dll tab move bugs;

<Version 6.22.0219.S035.A111>

update superwindow api;
update wavdata.dll;

<Version 6.22.0218.S034.A111>

update superwindow api;

<Version 6.22.0215.S033.A110>

update superfilemanager api;
update relay.dll;
update superfiledialog api;
update superwindow api;

<Version 6.22.0214.S032.A109>

update superfilemanager api;
update wavdata.dll;

<Version 6.22.0212.S031.A108>

update superlogger api;
update superfilemanager api;

<Version 6.22.0211.S030.A107>

update supercore api;
update superwindow api;
update superfiledialog api;
remove system.dll;
update supericon;

<Version 6.22.0210.S029.A106>

update supertab api;
update copy file.bat as .py;
update superlogger api;
update supercore api;
rebulid all super.dll;

<Version 6.22.0210.S028.A105>

update chatbox.dll;

<Version 6.22.0209.S027.A105>

update supermultimedia api;
update wasapibox.dll;

<Version 6.22.0209.S026.A104>

update qt version,6.2.2->6.3.0;

<Version 6.22.0209.S025.A104>

update module sop;

<Version 6.22.0209.S024.A104>

use supertab,supergroupbox api rebuild all super.dll;

<Version 6.22.0207.S023.A104>

update superapi;

<Version 6.22.0207.S023.A103>

update wavdatabox.dll;

<Version 6.22.0206.S022.A103>

update wavdatabox.dll;

<Version 6.22.0205.S021.A103>

update supermultimedia api;
update wavdatabox.dll;

<Version 6.22.0202.S020.A102>

update wavdatabox dll;

<Version 6.22.0201.S019.A102>

update supermultimedia playwav class;
add qtimer for determine filepos instead of emit signal;

<Version 6.20220129.019>

replace release svg cache file at init as use .qrc source files;

<Version 6.20220128.018>

add superapi explain;
rewrite all module explain by public mode;
update super filedialog ui;
replace supertextbrowser api as superlogger api;

<Version 6.20220126.017>

add superhook api;
add universal superapi explain;

<Version 6.20220125.016>

fix mouse enter title bugs;

<Version 6.20220125.015>

fix mouse leave title bugs;

<Version 6.20220125.014>

fix superfilemanager clear filelist bugs;

<Version 6.20220125.013>

fix device module ui bugs;

<Version 6.20220125.012>

update superwindow api;
change cursor when mouse arrived at border,and press for resize widget;
remove supermain.ui file;
daily bugs fixed;

<Version 6.20220123.011>

rename dialog module tilte;

<Version 6.20220122.010>

rebuild all dll;

<Version 6.20220121.009>

update superfilemanager api;
update supermultimedia api;
update supertextbrowser api,replace clear button with api's action;

<Version 6.20220121.008>

add superfilemanager api;

<Version 6.20220120.007>

update supertextbrowser api;
replace clear pushbutton with action;

<Version 6.20220119.006>

update supermultimedia api;
add playsignal class;

<Version 6.20220119.005>

update superserial api scan serial port thread's parameter;

<Version 6.20220119.004>

fix supersender api focus as strong;

<Version 6.20220119.003>

fix another display logs function bugs;

<Version 6.20220118.002>

fix display logs function bugs;

<Version 6.20220118.001>

update to qt6;
remove x86 support;
update supermultimedia api;
bug fixed daily;

<Version 20220113.368>

bug fixed daily;
add file manager module load and record function;

<Version 20220112.367>

bug fixed daily;

<Version 20220111.366>

bug fixed daily;
add fix path function,make sure path last word is "/";

<Version 20220110.365>

bug fixed daily;
update _resuper_dll function;

<Version 20220109.364>

update supercolordialog function;
add sampler;
bug fixed daily;

<Version 20220107.363>

update superfiledialog user experience;
bug fixed daily;

<Version 20220105.362>

add supersenderbox function;
bug fixed daily;

<Version 20220104.361>

add explain for some button;
bug fixed daily;

<Version 20211231.360>

add _visabox_dll function;
bug fixed daily;

<Version 20211230.359>

replace qtextbrowser with supertextbrowser;
bug fixed daily;

<Version 20211225.358>

bug fixed daily;

<Version 20211223.357>

bug fixed daily;
fix thread start bugs;

<Version 20211220.356>

bug fixed daily;
fix superserial api sanserialport function bugs;
add superfiledialog api preview picture function;
fix superfiledialog api tablewidget reset bugs;

<Version 20211216.355>

bug fixed daily;
replace qfiledialog as superfiledialog;
replace qcolordialog as supercolordialog;

<Version 20211208.354>

bug fixed daily;
update _wasapibox_dll;

<Version 20211206.353>

bug fixed daily;
update function var format;
update _csvdatabox_dll,add grr mode function;

<Version 20211126.352>

bug fixed daily;

<Version 20211124.351>

update creatqrcfile as replacefile function;

<Version 20211122.350>

add mp3 to wav/pcm function;
bug fixed daily;

<Version 20211118.349>

add ape to wav/pcm function;
bug fixed daily;

<Version 20211112.348>

add open path api;
fix bugs daily;

<Version 20211109.347>

add select files api;
fix bugs daily;

<Version 20211106.346>

optization supernote display bugs;
add \n function;

<Version 20211102.345>

add flac to wav/pcm function;
bug fixed daily;

<Version 20211021.344>

replace qmessagebox with supernotedialog;

<Version 20211020.343>

optimization _wasapibox_dll;
optimization _wavdatabox_dll;
optimization user experience;
fix bugs;

<Version 20211013.342>

optimization supermultimedia api;
add caldbv,calfrequency,calthd function;

<Version 20211009.341>

fix display bug;

<Version 20211008.340>

refresh all superapi;
optimization programe structure;
add explain for every function,not include init;
upgrade version structure;

<20210003 Version 3.39>

change action instructions as readme;

<20210930 Version 3.38>

Uniform widget text format;

<20210927 Version 3.37>

write sop for every module;
generate dll module pdf file autoly;

<20210918 Version 3.36>

develop _richer_.dll for edit rich files;

<20210918 Version 3.35>

rebuild all .dll files;
add instructions for every module;
add instructions actions;

<20210918 Version 3.34>

rebuild all .dll files;
fix _chat_.dll bugs,optimization user performance;

<20210917 Version 3.33>

develop _chatbox_.dll;
add anwser function by udp protocol;
add file transmute function by tcp protocol;
add message chat function by udp protocol;

<20210912 Version 3.32>

develop _chatbox_.dll;

<20210908 Version 3.31>

fix known bug;

<20210907 Version 3.30>

change qqgroupbox to qframe;

<20210905 Version 3.29>

update __superprogressbardialog__ api;

<20210905 Version 3.28>

use superwidget frame;

<20210904 Version 3.27>

write superwidget frame;

<20210902 Version 3.26>

fix pointer manager bug;

<20210902 Version 3.25>

write playwav class for supermedia api;

<20210827 Version 3.24>

updata check serial port exist function;
add init parameter for code variable;

<20210825 Version 3.23>

merge dialog with box;

<20210824 Version 3.22>

Update _hitbrickdialog_.dll V1.01 completed;
Add some kind bullet such as shotgame;
Fix supertools move bug when exec menu;
Add exec api by widget;
Fix open wavfiledialog wav file bug;
ledanalyser.dll add 10channel ir model;

<20210817 Version 3.21>

develop _hitbrickdialog_.dll V1.00 completed;

<20210810 Version 3.20>

developing _gamebox_.dll;
developing _hitbrickdialog_.dll;

<20210803 Version 3.19>

developing _litepointiqgigifbox_.dll;

<20210731 Version 3.18>

update display log api;

<20210728 Version 3.17>

uninstall codec,use system codec;

develop _wavdatadialog_.dll;

<20210721 Version 3.16>

update codec,use qbytearray almostly;

<20210717 Version 3.15>

wasapibox add record wav and save function;
bugfix,systembox ip name parameter set add "";

<20210715 Version 3.14>

Optimization supertools;

<20210714 Version 3.13>

Optimization superwidget api;

<20210711 Version 3.12>

remake ui;
add superwidget api;
set personalization function;

<20210706 Version 3.11>

remake _csvprocessor_.py as _csvdata_.dll completed;
Optimization superserialapi;

<20210701 Version 3.10>

add _progressbar_.dll for run thread;

<20210627 Version 3.09>

remake _ledanalyserbox_.py completed;
Optimization superserialapi;

<20210624 Version 3.08>

remake _geminibox_.py and _scanner_.py file completed;

<20210621 Version 3.07>

remake _wasapibox_.py file completed;

<20210605 Version 3.06>

Split superapi to list:
superframe api,supermultimedia api,superplot api,superserial api;

<20210604 Version 3.05>

remake _wasapibox_.py file to _wasapibox_.dll ing;
Optimization superapi;

<20210602 Version 3.04>

remake _gtkrelaybox_.py file to _gtkrelaybox_.dll by C++;
Optimization superapi;

<20210528 Version 3.03>

remake _serialbox_.py file to _serialbox_.dll by C++;
Optimization superapi;

<20210525 Version 3.02>

remake _frame_.py file to _frame_.dll by C++;
remake _systemtray_.py file to _systemtray_.dll by C++;
remake _systembox_.py file to _systembox_.dll by C++;
Optimization _systembox_ ui;

<20210521 Version 3.01>

remake _init_.py file to _init_.dll by C++;

<20210502 Version 3.00>

C++ for supertools;

<20210408 Version 2.08>

<Theme Update>

There are a thousand Hamlets in a thousand people's eyes;

<Frame Update>

- 1.Change startup ui;
- 2.Add .ini setting file and .xml files can be import for your supertools;
- 2.Remove redundancy library,smaller than latest version;
- 3.Reduce memory used when supertools startup,and will improve when import any files,;
- 4.Fix close app no response bug;
- 5.Add tab page closeable function;

- 6.Fix output logs bug,use another way to display value;
- 7.Superapi remove lock;

<Module Update>

- 1.Fileprocessor split into csvprocessor and wavprocessor,or more;
- 2.Csvprocessor fix disable process files button bug;
- 3.Wasapi update calculate frequency function,more precisely!!!,fix flashback bug when analysis capture data;
- 4.Gtkrelay fix baudrate ui bug;
- 5.Ledanalyser fix display baudrate bug;
- 6.Ngi835x fix ui bug;

<20210325 Version 1.29>

<Update Title>

First version release

<Frame Update>

None;

<Module Update>

None;

<20201126 Version 1.00>

Created by Kal.Han