

SuperApe

<UsingLibrary>

```
include;
https://monkeysaudio.com/;
```

SuperCodec

<UsingLibrary>

```
include;
superapi::supermultimedia;
superapi::superape;
superapi::superflac;
superapi::supermp3;
```

SuperColorDialog

<UsingLibrary>

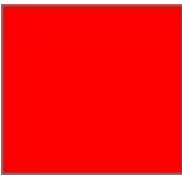
```
include;
superapi::superwindow;

public;
superapi::superwindow;
```

<SuperWidget>



```
clicked;
choose this color;
```



```
nousercontrol;
display current color;
```

```
userinput;
edit current color's red value;
display current color red value;
```

```
userinput;
edit current color's green value;
display current color green value;
```

```
userinput;
edit current color's blue value;
display current color blue value;
```

```
clicked;
change basic color;
```

```
nousercontrol;
display html color;
```



OK

Cancel

***SuperCore***

```
<UsingLibrary>
```

```
include; c/c++,qt library etc;
```

***SuperFftw***

```
<UsingLibrary>
```

```
include;
http://www.fftw.org/;
```

## *SuperFileDialog*

&lt;UsingLibrary&gt;

```
include;  
superapi::supernotedialog;  
superapi::superwindow;
```

```
public;
superapi::superwindow;
```

<SuperWidget>

```
clicked;  
cd to last directory;
```



```
clicked;
refresh current directory;
```



```
clicked;
lock current directory to quick access;
```

D:/repos/QtWidget 6/build-SuperTools-Desktop\_Qt\_6\_2\_2\_MinGW\_64\_bit-Release/release/\_htmllibrary\_

```
textActivated;
    if directory is vaild,refresh current folder;
    else show error dialog;
```

### Quick access

```
itemclicked;
    if directory is vaild,refresh current folder;
    else show error dialog;
```

```
itemrightclicked;  
    show quickaccessitemmenu;  
    include "Open folder", "Unpin folder";
```

Windows 10 (C:)

```
itemclicked;
    if drive is valid, refresh current folder;
    else show error dialog;
```





clicked;

Search:



2022/01/18 09:40:07

file

```
include "Open folder","No function","Open path","Delete folder"
```

filename:

```
graph TD
    UC1[usecase1] --> UC2[usecase2]
    UC2 --> UC3[usecase3]
    UC3 --> UC4[usecase4]
    UC4 --> UC5[usecase5]
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```

# SuperFileManager

## &lt;UsingLibrary&gt;

```
include;
    superapi::supercore;
    superapi::superfiledialog;
    superapi::supernotedialog;
```

<SuperWidget>

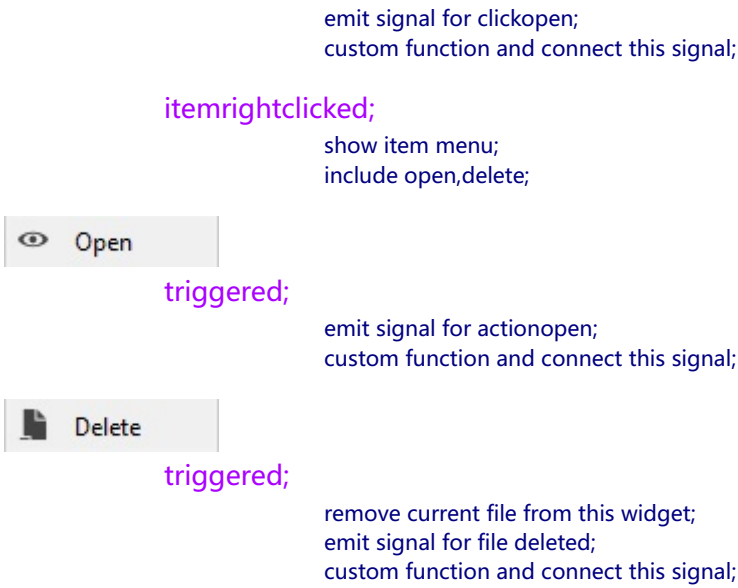
```

classDiagram
    class SuperFileManagerModule {
        clicked()
        clicked()
        clicked()
        textchanged()
        Name
        Path
        triggered()
        triggered()
        itemdoubleclicked()
    }
    class SuperFileManagerWidget {
        clicked()
        clicked()
        clicked()
        textchanged()
        headerrightclick()
        triggered()
        triggered()
        itemdoubleclicked()
    }
    SuperFileManagerModule --> SuperFileManagerWidget : clicked;
    SuperFileManagerWidget --> SuperFileManagerModule : clicked;
    SuperFileManagerModule --> SuperFileManagerWidget : clicked;
    SuperFileManagerWidget --> SuperFileManagerModule : textchanged;
    SuperFileManagerModule --> SuperFileManagerWidget : Name
    SuperFileManagerModule --> SuperFileManagerWidget : Path
    SuperFileManagerWidget --> SuperFileManagerModule : triggered;
    SuperFileManagerModule --> SuperFileManagerWidget : triggered;
    SuperFileManagerWidget --> SuperFileManagerModule : itemdoubleclicked;
  
```

The diagram illustrates the interaction between a **Super File Manager Module** and a **Super File Manager** widget. The module and widget are connected by several signals and properties:

- Module to Widget:**
  - `clicked;` (purple) → `display current file type as title;` (grey)
  - `clicked;` (purple) → `determined last file that opened;` (grey)
  - `clicked;` (purple) → `check all files are valid or not;` (grey)
  - `textchanged;` (purple) → `if current text is not empty, search current text at treewidget; else show all items;` (grey)
  - `Name` (yellow) and `Path` (yellow) → `headerrightclick;` (purple)
  - `triggered;` (purple) → `open super file dialog and select file or files; if files exist, skip this; else add files to treewidget;` (grey)
  - `triggered;` (purple) → `show super notedialog for make sure; if ok, clear all files; else close dialog and do nothing;` (grey)
  - `itemdoubleclicked;` (purple) → `show super notedialog for make sure; if ok, clear all files; else close dialog and do nothing;` (grey)
- Widget to Module:**
  - `clicked;` (purple) → `determined last file that opened;` (grey)
  - `textchanged;` (purple) → `if current text is not empty, search current text at treewidget; else show all items;` (grey)
  - `headerrightclick;` (purple) → `show table menu; include import super files, delete all files;` (grey)
  - `triggered;` (purple) → `open super file dialog and select file or files; if files exist, skip this; else add files to treewidget;` (grey)
  - `triggered;` (purple) → `show super notedialog for make sure; if ok, clear all files; else close dialog and do nothing;` (grey)
  - `itemdoubleclicked;` (purple) → `show super notedialog for make sure; if ok, clear all files; else close dialog and do nothing;` (grey)

The diagram also shows the visual components of the Super File Manager widget, including a search bar, a table with columns **Name** and **Path**, and buttons for **Import Super Files** and **Delete All Files**.



**SuperGroupBox**

<UsingLibrary>

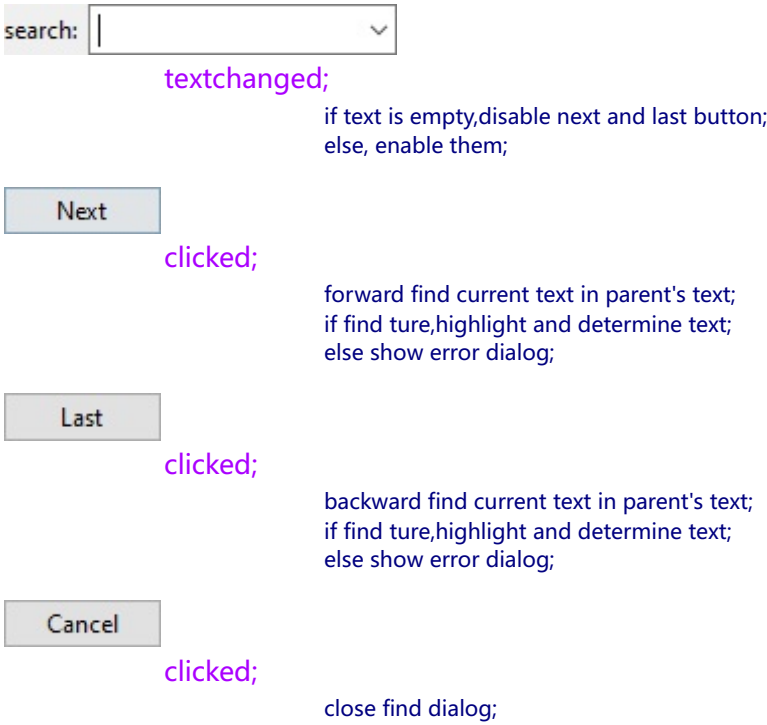
```
include;  
qt groupbox assembly;
```

**SuperFindDialog**

<UsingLibrary>

```
include;  
superapi::superwindow;  
superapi::supernotedialog;  
  
public;  
superapi::superwindow;
```

<SuperWidget>



**SuperFlac**

<UsingLibrary>

```
include;  
https://github.com/xiph/flac;
```

**SuperFontDialog**

<UsingLibrary>

```
include;
```

superapi::superwindow;

public;

superapi::superwindow;

<SuperWidget>

here for search font...

textchanged;

if text is empty,display all font families;  
else, display contain text's families;

Microsoft YaHei

itemdoubleclicked;

return current font families;

itempressed;

preview font families;

SuperTools

nousercontrol;

display families style;

SuperHook

<UsingLibrary>

include;

mircosoft windows api;

SuperLogger

<UsingLibrary>

include;

superapi::supercore;

<SuperWidget>

Clear Browser

triggered;

clear textbrowser;

here will display wasapibox programe run logs!!!

nousercontrol;

display programe run logs;

SuperMp3

<UsingLibrary>

include;

http://www.mpg123.de/;

SuperMultiMedia

<UsingLibrary>

include;

superapi::supercore;

qt multimedia assembly;

SuperNetwork

<UsingLibrary>

include;

qt network assembly;

SuperNoteDialog

<UsingLibrary>

```
include;
    superapi::superwindow;

public;
    superapi::superwindow;
```

<SuperWidget>

Save Success!!

nousercontrol;
 display message;

Cancel

clicked;
 close super notedialog;

OK

clicked;
 close super notedialog and emit signal;

SuperPlot

<UsingLibrary>

```
include;
    https://www.qcustomplot.com/index.php;
```

SuperProgressBarDialog

<UsingLibrary>

```
include;
    superapi::superwindow;

public;
    superapi::superwindow;
```

<SuperWidget>

nousercontrol;
 display current progress;

wait message...

nousercontrol;
 display current message;

Stop

triggered;
 emit stop signal;
 custom function and connect this signal;

SuperSender

<UsingLibrary>

```
include;
    superapi::supernotedialog;
```

<SuperWidget>

Input line 00

nousercontrol;
 display current super sender index;

help

textchanged;
 if text is empty,disable send button;
 else if text contain <split> ,show error dialog and clear text;

Send

Is Cyc: ☐

1000

else ,enable send button;

clicked;

emit signal include lineedit's text;  
custom function and connect this signal;

statechanged;

change send mode,cycle or not;

userinput;

change cycle interval,unit(ms);

SuperSerial

<UsingLibrary>

include;

superapi::supercore;  
qt serialport assembly;

SuperTab

<UsingLibrary>

include;

qt widget assembly;

SuperTabWidget

<UsingLibrary>

include;

qt tabwidget assembly;

SuperWindow

<UsingLibrary>

include;

superapi::supercore;

public;

qt qwidget;

<SuperWidget>

SuperTools 6.20220128.018

nousercontrol;

display super window's title;

-

clicked;

set super windows minisize;

^

clicked;

set super windows maxisize;

<

clicked;

set super windows normal;

X

clicked;

close super windows;

clicked;

if Icon mode enabled,exec themes menu;  
include original,color,heartofiron,goertek;





triggered;

change background title as original;  
change background color as (16,81,142) ;  
change font color as (255,255,255);



triggered;

open color dialog;  
change background title as color;  
change background color as selected ;  
change font color as concolor;



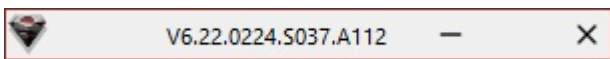
triggered;

change background title as heartofiron;  
change background color as (121,35,32) ;  
change font color as (255,255,255);



triggered;

change background title as goertek;  
change background color as (69,86,17) ;  
change font color as (255,255,255);



doubleclicked;

if enable maximum mode,change size as normal or maxisize;

mousemove;

if mouse pressed,move super window;



mouseonborder;

if enable resize mode;  
A cursor used for elements that are used to vertically resize top-level windows.



mouseonborder;

if enable resize mode;  
A cursor used for elements that are used to horizontally resize top-level windows.



mouseonborder;

if enable resize mode;  
A cursor used for elements that are used to diagonally resize top-level windows at their top-left and bottom-right corners

## Version Logs

### <20220423 Version 1.26>

superchart api add mouse select point function;  
update superfinddialog api;

### <20220418 Version 1.25>

superchart api add auto rescale axis function;  
superchart api add drag function etc;

### <20220408 Version 1.24>

replace superplot api with superchart api;

### <20220405 Version 1.23>

fix superfilemanager tablewidget right click bugs;  
remove customContextMenuRequested signal for tabwidget;

### <20220404 Version 1.22>

optization qfile permissions for read or write;  
optization openpath function;  
fix mouse clicked bugs for superfilemanager api;

### <20220319 Version 1.21>

update supercore api;  
optization linespace,arrage function;  
fix superwindow api bugs;  
fix disable close button function bugs,add disable button function;

### <20220316 Version 1.20>

update superfinddialog api;  
connect find next text function with combobox activate signal;

#### <20220313 Version 1.19>

update superhook api;  
add win32 user.lib;

#### <20220309 Version 1.18>

update superfilemanager api;  
import file add determined function;

#### <20220306 Version 1.17>

update superfiledialog api;  
use superfilesystemmodel public qfilesystemmodel;  
expand default path at init;

#### <20220304 Version 1.16>

remove supervisa api;  
remove superwidgettimer api;

#### <20220301 Version 1.15>

update supertab api;  
replace creat cache file at super.dll as at supertab api;  
add cache function,include creat file,creat folder;

#### <20220228 Version 1.14>

update superwindow api;  
add title icon mouse enter and leave function;

#### <20220225 Version 1.13>

update superwindow api;  
add signal after show function;

#### <20220222 Version 1.12>

update supercore api;  
optization code;

#### <20220215 Version 1.11>

update superwindow api;  
update change window status function;

#### <20220215 Version 1.10>

update superfilemanager api;  
add search text parse id item column;  
update superfiledialog api;  
replace scroll mode item as pixel;

#### <20220214 Version 1.09>

update superfilemanager api;  
remove timer for emit logs,add reset index function when delete files;

#### <20220212 Version 1.08>

update superlogger api;  
add transfercodec function,add openfilepath function;  
update superfilemanager api;  
add open file path function,add check file vaild function,add id for files;

#### <20220211 Version 1.07>

update supercore api;  
update supercore::runcommand function;  
update superfiledialog api;  
fix superfiledialog get filename or foldername function bugs;  
update superwindow::addmenu function;  
add addseparator parameter;

#### <20220209 Version 1.06>

update supertab api;  
add readme function;  
update superlogger api;  
add clear textbrowser function,displaylog function;  
update supercore api;  
remove textbrowser function,displaylog function;

#### <20220209 Version 1.05>

update supermultimedia api;  
replace write data at run function with emit signal at main thread;

<20220207 Version 1.04>

add supertab api;  
add supertabwidget api;  
add supergroupbox api;

<20220205 Version 1.03>

supermultimedia playwav class add channel parameter;

<20220130 Version 1.02>

supermultimedia playwav class add timer for determine filepos;

<20220129 Version 1.01>

first version released;  
update super window's icon when at deactivate status;

<20220128 Version 1.00>

first version released;