

aardio 范例: JPEG 压缩转换工具 - 复制图像自动加载

```
//JPEG 压缩转换
import win.ui;
import win.dlg.message;
import fonts.FontAwesome;
/*DSG{*/
var winform = win.form(text="JPEG 压缩转换工具 - 复制图像自动加载";right=1151;bottom=661)
winform.add(
    btnChangeJpegExtension={cls="plus";text="更改";left=334;top=604;right=431;bottom=634;align="left";color=3947580;db=1;dl=1;font=LOGFONT(h=-13);iconStyle={align="left";font=LOGFONT(
    btnClipboard={cls="plus";text="自剪贴板加载图像";left=606;top=608;right=765;bottom=638;align="left";color=3947580;db=1;dr=1;font=LOGFONT(h=-13);iconStyle={align="left";font=LOGFONT(
    btnOpen={cls="plus";text="加载图像";left=784;top=608;right=881;bottom=638;align="left";color=3947580;db=1;dr=1;font=LOGFONT(h=-13);iconStyle={align="left";font=LOGFONT(h=-13;name='
    btnSave={cls="plus";text="保存图像";left=910;top=606;right=1007;bottom=636;align="left";color=3947580;db=1;dr=1;font=LOGFONT(h=-13);iconStyle={align="left";font=LOGFONT(h=-13;name='
    editJpegExtension={cls="plus";left=242;top=602;right=324;bottom=628;align="right";border={bottom=1;color=-6908266;db=1;dl=1;editable=1;font=LOGFONT(h=-13);textPadding={top=6;bot
    lbSize={cls="static";left=1058;top=551;right=1146;bottom=575;db=1;dr=1;transparent=1;z=5;
    plus={cls="plus";left=0;top=0;right=568;bottom=515;db=1;dl=1;dt=1;repeat="scale";z=1;
    plus2={cls="plus";left=600;top=0;right=1168;bottom=515;db=1;dr=1;dt=1;repeat="scale";z=2;
    static={cls="static";text="输出质量:";left=101;top=559;right=221;bottom=583;align="right";db=1;dl=1;transparent=1;z=4;
    static2={cls="static";text="系统保存JPEG文件使用的默认后缀:";left=30;top=611;right=235;bottom=634;align="right";db=1;dl=1;transparent=1;z=9;
    trackbar={cls="trackbar";left=267;top=550;right=1048;bottom=580;db=1;dl=1;dr=1;max=100;min=0;z=3}
)
/*})*/

var preview = function(quality){
    if(!winform.plus.backgroundBitmap) return;

    var buf = winform.plus.backgroundBitmap.saveToBuffer("*.jpg",quality);
    winform.plus2.background = buf;

    winform.lbSize.text = math.size64(#buf).format();
}

winform.trackbar.pos = 80;
winform.trackbar.oncommand = function(id,event,pos){
    if( event == 8/*_SB_ENDSCROLL*/) {
        preview(winform.trackbar.pos)
    }
}

import fsys.dlg;
winform.btnOpen.oncommand = function(id,event){
    var path = fsys.dlg.open("图像文件 (*.jpg;*.jpeg;*.jfif;*.bmp;*.gif;*.png;*.tif;*.tiff)|",,,winform)
    if(path){
        winform.plus.background = path;
        winform.plus.backgroundBitmap = gdiplus.bitmap(path);
        preview(winform.trackbar.pos);
    }
}

winform.btnSave.oncommand = function(id,event){
    if(winform.plus.backgroundBitmap){
        var path = fsys.dlg.save("*.jpg|*.jpeg|*.jpeg|*.jfif|*.jfif|*.png|*.png|",,,winform)
        if(path){
            var buf = winform.plus.backgroundBitmap.save(path,winform.trackbar.pos);
        }
    }
    else {
        winform.msgErr("请先加载图像")
    }
}

winform.onDropFiles = function(files){
    var path = files[1]
    if(path){
        winform.plus.backgroundBitmap = gdiplus.bitmap(path);
        if(winform.plus.backgroundBitmap){
            winform.plus.background = path;
            preview(winform.trackbar.pos);
        }
    }
}

import win.clip;
winform.btnClipboard.oncommand = function(id,event){
    var hbmp = win.clip.readBitmap()
    if(hbmp){
        var bmp = gdiplus.bitmap(hbmp);
        if(bmp){
            winform.plus.backgroundBitmap = bmp;
            winform.plus.background = bmp;
            preview(winform.trackbar.pos);
        }
    }
    ::DeleteObject(hbmp);
}

import win.reg;
var reg = win.reg("HKEY_CURRENT_USER\SOFTWARE\Classes\MIME\Database\Content Type\image/jpeg")
if(reg){
    winform.editJpegExtension.text = reg.queryValue("Extension")
    reg.close()
}

if(!winform.editJpegExtension.text){
    var reg = win.reg("HKEY_CLASSES_ROOT\MIME\Database\Content Type\image/jpeg")
    if(reg){
        winform.editJpegExtension.text = reg.queryValue("Extension")
        reg.close()
    }
}

winform.btnChangeJpegExtension.oncommand = function(id,event){
    var reg = win.reg("HKEY_CURRENT_USER\SOFTWARE\Classes\MIME\Database\Content Type\image/jpeg")
    if(reg){
        reg.setSzValue("Extension",winform.editJpegExtension.text)
        winform.msgOk("已修改 JPEG 默认后缀名")
    }
}

winform.btnClipboard.skin({
    color={
        active=0xFF00FF00;
        default=0xFF3C3C3C;
        disabled=0xFF6D6D6D;
        hover=0xFFFF0000
    }
})

winform.btnSave.skin({
    color={
        active=0xFF00FF00;
        default=0xFF3C3C3C;
        disabled=0xFF6D6D6D;
        hover=0xFFFF0000
    }
})
```

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    }  
  })  
  
  winform.btnOpen.skin({  
    color={  
      active=0xFF00FF00;  
      default=0xFF3C3C3C;  
      disabled=0xFF6D6D6D;  
      hover=0xFFFF0000  
    }  
  })  
  
  winform.btnChangeJpegExtension.skin({  
    color={  
      active=0xFF00FF00;  
      default=0xFF3C3C3C;  
      disabled=0xFF6D6D6D;  
      hover=0xFFFF0000  
    }  
  })  
  
  import win.clip.viewer;  
  winform.clipViewer = win.clip.viewer(winform);  
  winform.clipViewer.onDrawClipboard = function() {  
    winform.btnClipboard.oncommand();  
  }  
  
  winform.show()  
  win.loopMessage();
```

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