aardio 范例: WinAsar - 解包工具

```
import fonts.fontAwesome;
/*DSG{{*/
var winform = win.form(text="WinAsar - 解包工具";right=1075;bottom=736;acceptfiles=1;bgcolor=16777215;)
winform.add(btnExtract={cls="plus";text="提取全部文件";left=805;top=666;right=973;bottom=699;align="left";db=1;dr=1;font=LOGFONT(h=-15);notify=1;textPadding={left=35};z=3};btnOpen={cls="plus";text="选择asar文件";left=623;top=4;right=868;bottom=37;align="left";dr=1;dt=1;font=LOGFONT(h=-15);textPadding={left=35};z=6);btnReplace={cls="plus";text="保存并替换数据";left=884;top=4;right=1056;bottom=37;align="left";disabled=1;dr=1;dt=1;dt=1;font=LOGFONT(h=-15);textPadding={left=35};z=9};editAsarPath={cls="edit";left=19;top=3;right=617;bottom=40;dl=1;dt=1;dt=1;edg=1;multiline=1;z=5};
eattsarratn=[cls="eatt"/lett=19/top=3/right=61/;bottom=40;dl=1/dr=1/td=1/edge=1/multiline=1;z=5);
editInfo={cls="richedit";left=371;top=42;right=1058;bottom=654;db=1;dl=1/dt=1/edge=1/multiline=1;z=7);
editOutDir={cls="edit";left=138;top=666;right=800;bottom=699;acceptfiles=1;db=1;dl=1;dr=1;edge=1;multiline=1;z=7};
progress={cls="plus";left=21;top=710;right=1058;bottom=723;bgcolor=6447459;db=1;dl=1;dr=1;forecolor=9959653;hide=1;z=4};
static={cls="static";text="meth=16 kelf Bg.";left=42;top=672;right=128;bottom=696;align="right";db=1;dl=1;font=L06FONT(h=-15);transparent=1;z=8};
treeview={cls="treeview";left=18;top=43;right=364;bottom=658;asel=false;bgcolor=16777215;db=1;dl=1;dt=1;edge=1;vscroll=1;z=1}
import fsys.asar.reader;
var showAsarInfo = function(){
       var unasar,err = fsys.asar.reader(winform.editAsarPath.text);
               winform.msgboxErr(..string.concat("获取asar文件信息时遇到错误",err));
               return;
       winform.treeview.clear();
winform.treeview.insertItem(unasar.treeData());
        winform.editInfo.text = web.json.stringify(unasar.info,true);
        if(winform.unasar) winform.unasar.close();
       winform.unasar = unasar;
winform.asaPath = winform.editAsarPath.text;
        if( ( !# ( ..string.trim( winform.editOutDir.text )) )
               | | (winform.editOutDir.autoPath = winform.editOutDir.text ) ){
winform.editOutDir.text = winform.asaPath + ".unpack";
winform.editOutDir.autoPath = winform.editOutDir.text ;
winform.editAsarPath.oncommand = function(id,event) {
   if( event == 0x300/* EN_CHANGE*/) {
      if( .string.endwith(winform.editAsarPath.text,"*.asar")) {
         if( ..io.exist(winform.editAsarPath.text)) {
                                     showAsarInfo();
              }
       }
import fsys.dlg;
winform.btnOpen.oncommand = function(id,event) {
    var path = fsys.dlg.open("*.asar|*.asar||","请选择asar文件",,winform.hwnd);
       if(#path){
                winform.editAsarPath.text = path;
               showAsarInfo();
winform.wndproc = {
   [0x233/* WM DROPFILES*/] = function(hwnd, message, wParam, lParam) {
               var files = win.getDropFile(wParam)
                        winform.editAsarPath.text = files[1];
              };
       }
winform.editOutDir.wndproc = {
   [0x233/*_MM_DROPFILES*/] = function(hwnd,message,wParam,lParam) {
    var_files = win.getDropFile(wParam)
                      if( fsys.isDir(files[1]) )
                             winform.editOutDir.text = files[1];
              };
       }
import fsys;
import win.ui.menu;
import process;
import fsys.mime;
winform.treeview.onnotify = function(id,code,ptr){
        if( code == 0xFFFFFE3D/*_TVN_SELCHANGEDW*/ ) {
                var hItem = winform.treeview.getSelection();
               if(hItem) {
    var data = winform.treeview.getItemData(hItem);
                      var bin;
                      if( data[["size"]] && data[["size"]] < 0x10000 ){
bin = winform.unasar.readFile(data.path);</pre>
                      if( bin && ..string.len( bin ) ) {
   winform.editInfo.text = winform.unasar.readFile(data.path);
   winform.btnReplace.disabled = false;
                              winform.btnReplace.disabled = true;
                                winform.editInfo.text = web.json.stringify(data,true)
        elseif(code = 0xFFFFFFFB/*_NM_RCLICK*/){ //鼠标右键单击 var hItem,tvht = winform.treeview.hitTest(); winform.treeview.setSelected(hItem);
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= winform.treeview.getItemData(hItem);
          var data
          if(!data[["size"]]) return;
          var menu = win.ui.popmenu(winform)
menu.add("Copy To...",
               function(){
    var dir = fsys.getParentDir(winform.asaPath)
    var path = fsys.dlg.save("*.*|*.*||","请选择输出文件",dir ,winform.hwnd,,data.text)
                    if (path) {
                          var file = io.file(path,"w+b")
                               winform.msgboxErr("Create File Failed!")
                          winform.progress.hide = false;
                          winform.progress.setProgressRange(1,data.size);
                          var buf = raw.buffer(0x100000)
                          for readSize in winform.unasar.eachReadBuffer(buf,data.path) {
                              file.writeBuffer(buf,readSize);
winform.progress.progressPos = winform.progress.pos + readSize;
                          file.close();
                         process.explore(path)
          menu.popup(x,y,true);
winform.btnReplace.oncommand = function(id, event) {
     corm.bchneprace.oncommand = Innction(id,event){
httem = winform.treeview.getSelection();
var data = winform.treeview.getItemData(hItem);
if(!(data[["size"]] && data[["path"]]) ) {
    winform.msgboxErr("Invalid item data");
          return:
     var ret,err = winform.unasar.replaceText(data[["path"]],winform.editInfo.text)
     if(err) return winform.msgboxErr(err);
     winform.btnReplace.disabled = true;
win.delay(1000);
winform.btnReplace.disabled = false;
import fsvs.dlg.dir;
import process;
winform.btnExtract.oncommand = function(id,event){
    if(!#winform.asaPath){
    var path = fsys.dlg.open("*.asar|*.asar||","请选择asar文件",,winform.hwnd);
    if(#path){
               winform.editAsarPath.text = path;
showAsarInfo();
          else {
               return;
     var dir = winform.editOutDir.text;
     var parentDir = fsys.getParentDir(winform.asaPath)
..io.createDir(dir)
          dir = fsys.dlg.dir(parentDir,winform.hwnd,"请选择输出目录");
     if(!dir) return;
     winform.progress.hide = false;
     winform.progress.setProgressRange(1,1000);
     winform.btnExtract.disabledText = {'\uF254';'\uF251';'\uF252';'\uF253';'\uF250'}
     var msg = MSG()
for path,size,progress in winform.unasar.eachUnpack(dir) {
   winform.progress.progressPos = progress * 1000;
          win.peekPumpMessage( msg )
     winform.btnExtract.disabledText = null;
     winform.progress.hide = true;
     process.explore_select(dir)
winform.btnExtract.skin({
     background={
          default=0xFF8FB2B0;
          hover=0xFF928BB3;
disabled=0xFFCCCCCC;
winform.btnOpen.skin({
    background={
          default=0xFF8FB2B0;
hover=0xFF928BB3;
          disabled=0xFFCCCCCC;
})
winform.btnReplace.skin({
    background={
          default=0xFF8FB2B0;
hover=0xFF928BB3;
          disabled=0xFFCCCCCC;
})
winform.show();
win.loopMessage();
return winform;
```