EXAMPLES OF MY WORK

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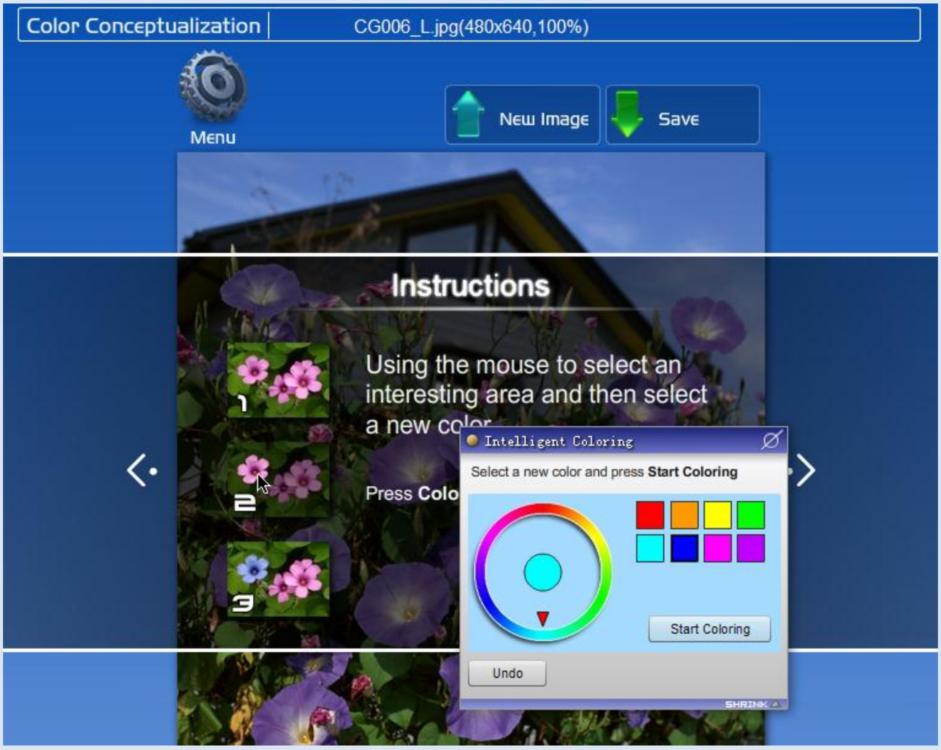
For a detailed version, please visit the following URL at my website:
http://www.csksoft.net/about/
http://www.csksoft.net/index_mainsite.asp#SubView%3D2

Project Name:	**Intelligent Coloring**
URL:	http://bcmi.sjtu.edu.cn/clrconcept
Description:	It focuses on how to color a specific object in a digital photo intelligently. For example, the system allows a user change a blue vase in an image into a red one by simply clicking on the vase and choosing the red color.
Responsibilities:	finished the whole project
Technology Used:	C++\WTL\ASP.net\Flash AS3.0

Pictures:

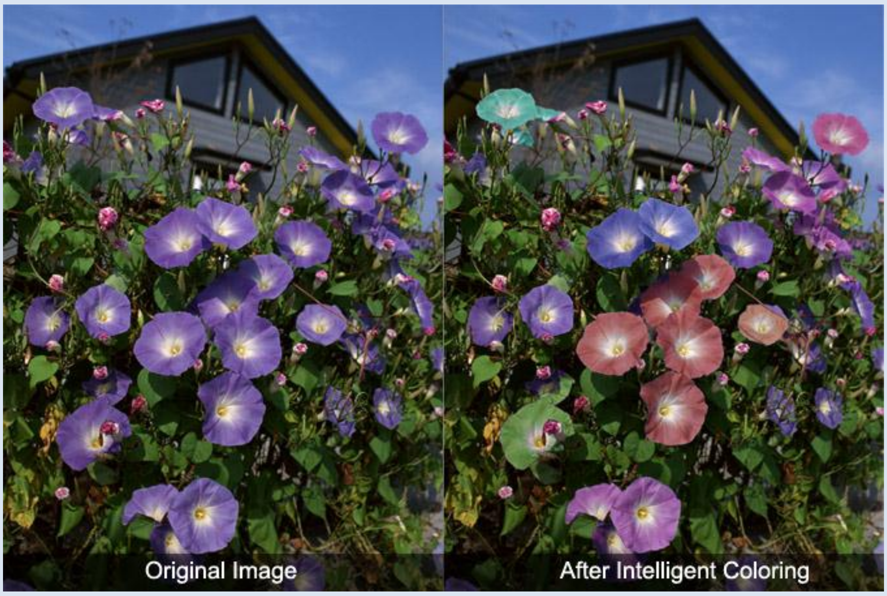


Using the mouse to select an interesting area and then select a new color

Press Colo

Select a new color and press **Start Coloring**

Screenshot of Intelligent Coloring Website

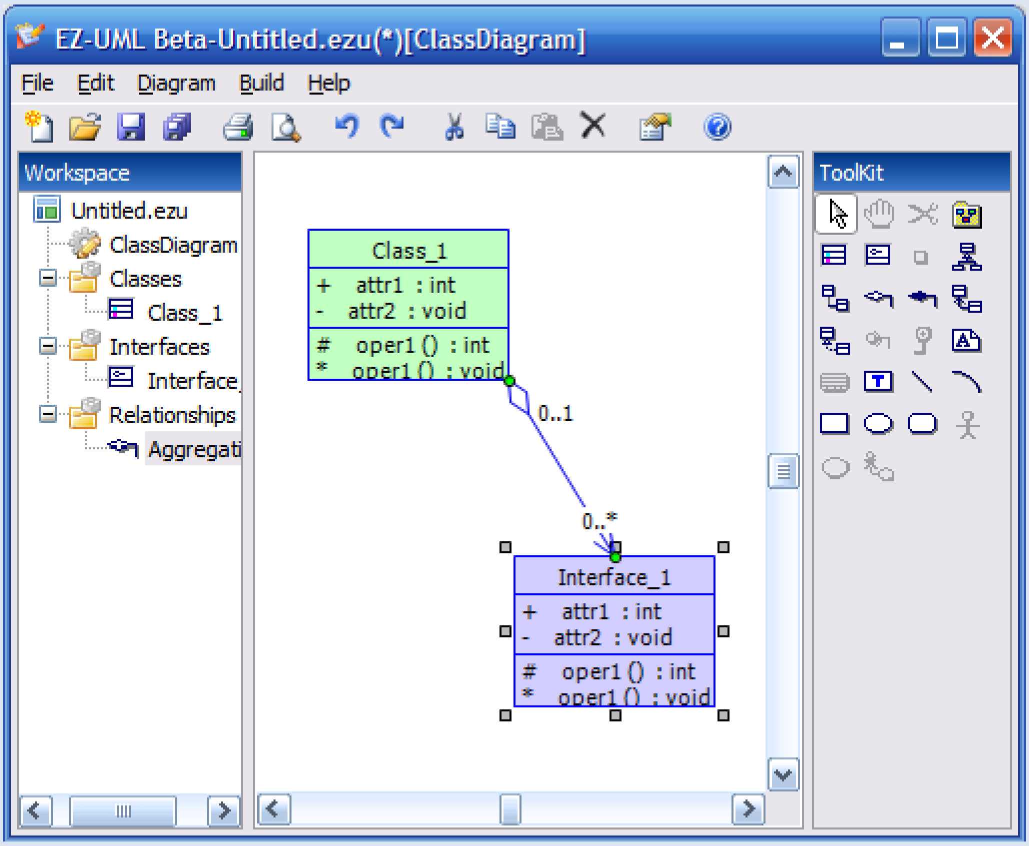


Intelligent Coloring Demo

Project Name:	**EZ-UML**
URL:	http://ezuml.csksoft.net (In Chinese)
Description:	An UML modeling software enabling user to design UML diagrams visually similar to Rational Rose in some features
Responsibilities:	Group leader; designer of the Visualized UML diagrams editor and the core engine.
Technology Used:	Visualized UML diagrams editor; Java + SWT + XML

Pictures:

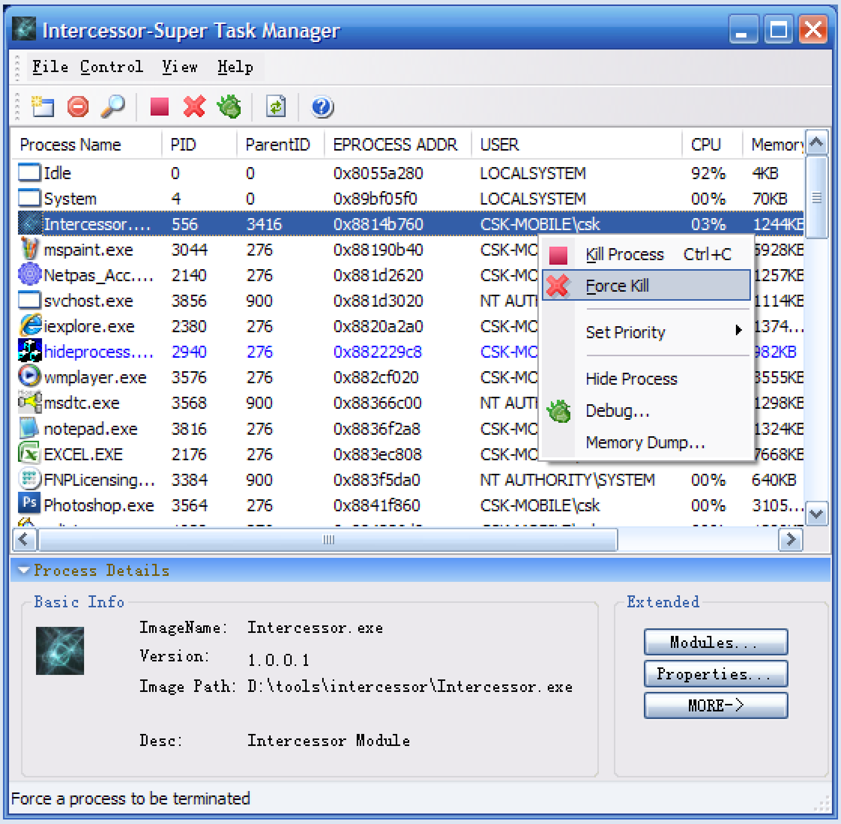
EZ-UML logo


EZ-UML Beta-Untitled.ezu(*)[ClassDiagram]
File Edit Diagram Build Help
Workspace
Untitled.ezu
ClassDiagram
Classes
Class_1
Interfaces
Interface_
Relationships
Aggregati
ToolKit
Class_1
+ attr1 : int
- attr2 : void
# oper1 () : int
* oper1 () : void
0..1
0..*
Interface_1
+ attr1 : int
- attr2 : void
# oper1 () : int
* oper1 () : void

Screenshot

Project Name:	**Intercessor**
URL:	http://www.csksoft.net/blog/post/Intercessor_taskmgr.html (In Chinese)
Description:	A kernel-level process managing tool under windows. It's especially helpful to detect and remove *Rootkit* and *Virus* processes hiding in the OS.
Responsibilities:	Group Leader; Implemented its kernel-level core module and the UI part.
Technology Used:	kernel-level operation; SSDT hook; Win32 DDK

Pictures:



Intercessor-Super Task Manager

Process Name	PID	ParentID	EPROCESS ADDR	USER	CPU	Memory
Idle	0	0	0x8055a280	LOCALSYSTEM	92%	4KB
System	4	0	0x89bf05f0	LOCALSYSTEM	00%	70KB
Intercessor....	556	3416	0x8814b760	CSK-MOBILE\csk	03%	1244KE
mspaint.exe	3044	276	0x88190b40	CSK-MC		5928KE
Netpas_Acc....	2140	276	0x881d2620	CSK-MC		1257KE
svchost.exe	3856	900	0x881d3020	NT AUTI		1114KE
iexplore.exe	2380	276	0x8820a2a0	CSK-MC		1374...
hideprocess....	2940	276	0x882229c8	CSK-MC		982KB
wmplayer.exe	3576	276	0x882cf020	CSK-MC		3555KE
msdtc.exe	3568	900	0x88366c00	NT AUTI		1298KE
notepad.exe	3816	276	0x8836f2a8	CSK-MC		1324KE
EXCEL.EXE	2176	276	0x883ec808	CSK-MC		7668KE
FNPLicensing...	3384	900	0x883f5da0	NT AUTHORITY\SYSTEM	00%	640KB
Photoshop.exe	3564	276	0x8841f860	CSK-MOBILE\csk	00%	3105...

Basic Info

ImageName: Intercessor.exe

Version: 1.0.0.1

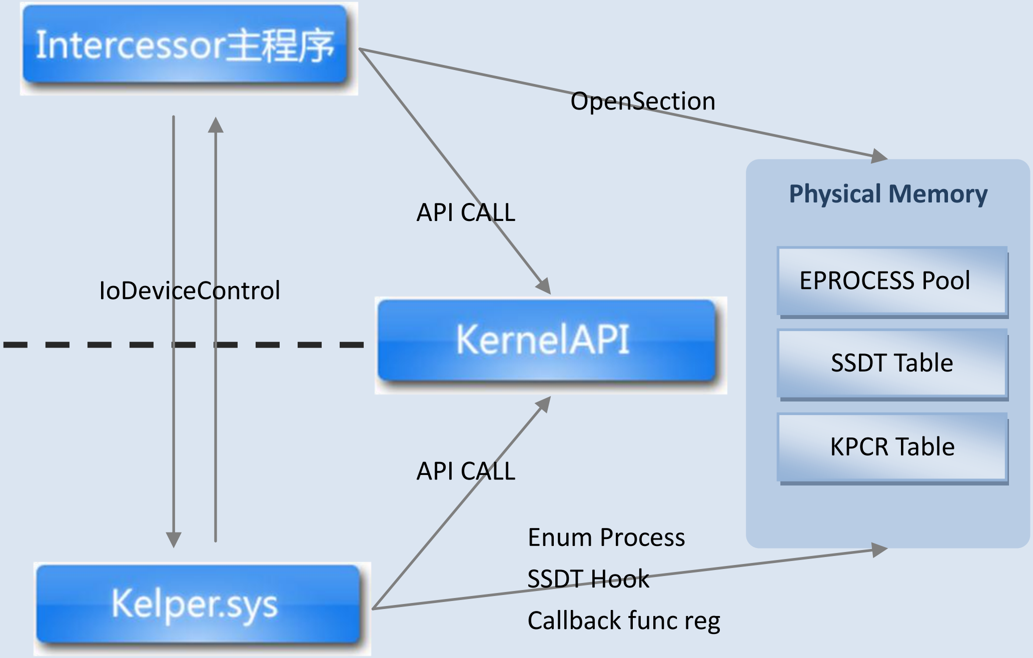
Image Path: D:\tools\intercessor\Intercessor.exe

Desc: Intercessor Module

Extended

Force a process to be terminated

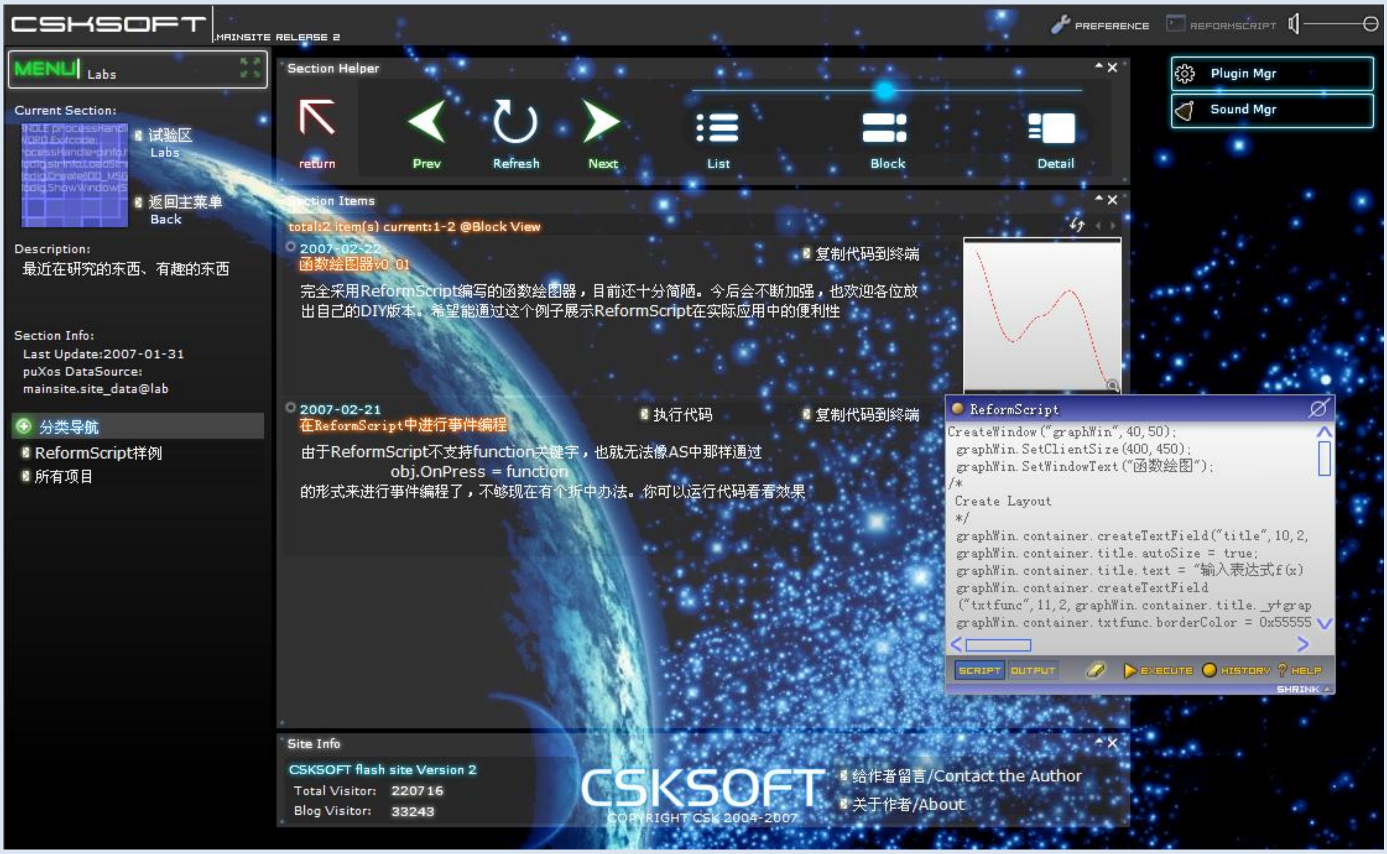
Intercessor Screenshot



Main Architecture

Project Name:	**Site V2**
URL:	http://www.csksoft.net/
Description:	A **Web Operation System** prototype mainly based on **Flash technology**. This Web-based system provides a set of APIs and process/communication/plug-in managements, similar to a typical OS. It allows users to code and execute script programs in the system. What's more, this system has a very luxurious UI design..
Responsibilities:	**finished the whole project**.
Technology Used:	XML based RPC and database; script parser; Flash RIA

Pictures:



Current Section:

Description:
最近在研究的东西、有趣的东西

Section Info:
Last Update:2007-01-31
puXos DataSource:
mainsite.site_data@lab

Section Items
total:2 item(s) current:1-2 @Block View

2007-02-22
函数绘图器v0.01
完全采用ReformScript编写的函数绘图器，目前还十分简陋。今后会不断加强，也欢迎各位放出自己的DIY版本。希望能通过这个例子展示ReformScript在实际应用中的便利性

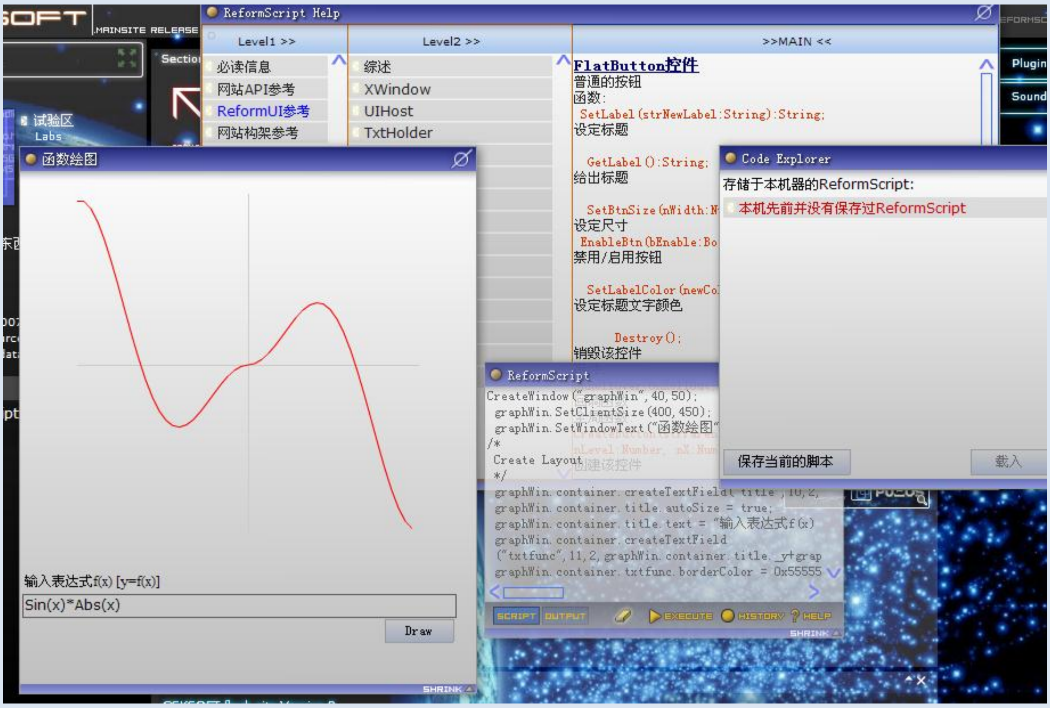
2007-02-21
在ReformScript中进行事件编程
由于ReformScript不支持function关键字，也就无法像AS中那样通过
obj.OnPress = function
的形式来进行事件编程了，不够现在有个折中办法。你可以运行代码看看效果

ReformScript

```
CreateWindow("graphWin",40,50);
 graphWin.SetClientSize(400,450);
 graphWin.SetWindowText("函数绘图");
/*
 Create Layout
 */
 graphWin.container.createTextField("title",10,2,
 graphWin.container.title.autoSize = true;
 graphWin.container.title.text = "输入表达式f(x)
 graphWin.container.createTextField
 ("txtfunc",11,2,graphWin.container.title._y+grap
 graphWin.container.txtfunc.borderColor = 0x55555
```

Site Info
CSKSOFT flash site Version 2
Total Visitor: 220716
Blog Visitor: 33243

Screenshots



FlatButton控件

普通的按钮

函数:

SetLabel(strNewLabel:String):String;

设定标题

GetLabel():String;

给出标题

SetBtnSize(nWidth:N

设定尺寸

EnableBtn(bEnable:Bo

禁用/启用按钮

SetLabelColor(newCo

设定标题文字颜色

Destroy();

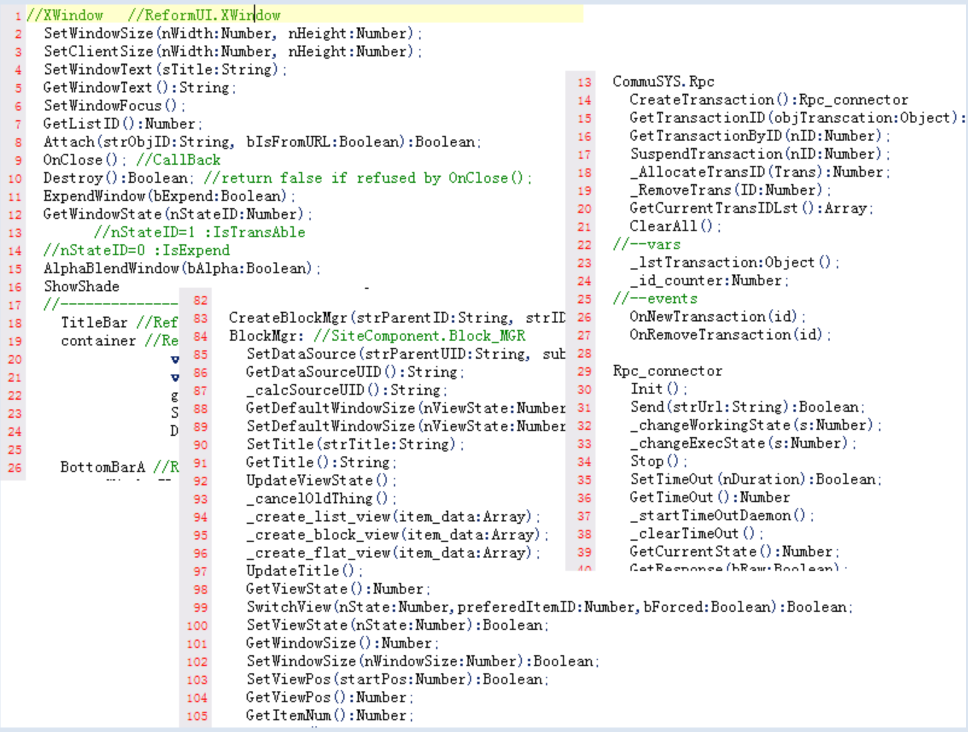
销毁该控件

存储于本机器的ReformScript:

本机先前并没有保存过ReformScript

```
CreateWindow("graphWin",40,50);
 graphWin.SetClientSize(400,450);
 graphWin.SetWindowText("函数绘图"
/*
 Create Layout
 */
 graphWin.container.createTextField("title",10,2,
 graphWin.container.title.autoSize = true;
 graphWin.container.title.text = "输入表达式f(x)
 graphWin.container.createTextField
 ("txtfunc",11,2,graphWin.container.title._y+grap
 graphWin.container.txtfunc.borderColor = 0x55555
```

WebOS Features



```
//XWindow    //ReformUI.XWindow
  SetWindowSize(nWidth:Number, nHeight:Number);
  SetClientSize(nWidth:Number, nHeight:Number);
  SetWindowText(sTitle:String);
  GetWindowText():String;
  SetWindowFocus();
  GetListID():Number;
  Attach(strObjID:String, bIsFromURL:Boolean):Boolean;
  OnClose(); //CallBack
  Destroy():Boolean; //return false if refused by OnClose();
  ExpendWindow(bExpend:Boolean);
  GetWindowState(nStateID:Number);
        //nStateID=1 :IsTransAble
  //nStateID=0 :IsExpend
  AlphaBlendWindow(bAlpha:Boolean);
  ShowShade
  //--------------
    TitleBar //Ref
    container //Re
                v
                v
                g
                S
                D

    BottomBarA //R
```

```

CreateBlockMgr(strParentID:String, strID
BlockMgr: //SiteComponent.Block_MGR
  SetDataSource(strParentUID:String, sub
  GetDataSourceUID():String;
  _calcSourceUID():String;
  GetDefaultWindowSize(nViewState:Number
  SetDefaultWindowSize(nViewState:Number
  SetTitle(strTitle:String);
  GetTitle():String;
  UpdateViewState();
  _cancelOldThing();
  _create_list_view(item_data:Array);
  _create_block_view(item_data:Array);
  _create_flat_view(item_data:Array);
  UpdateTitle();
  GetViewState():Number;
  SwitchView(nState:Number,preferedItemID:Number,bForced:Boolean):Boolean;
  SetViewState(nState:Number):Boolean;
  GetWindowSize():Number;
  SetWindowSize(nWindowSize:Number):Boolean;
  SetViewPos(startPos:Number):Boolean;
  GetViewPos():Number;
  GetItemNum():Number;
```

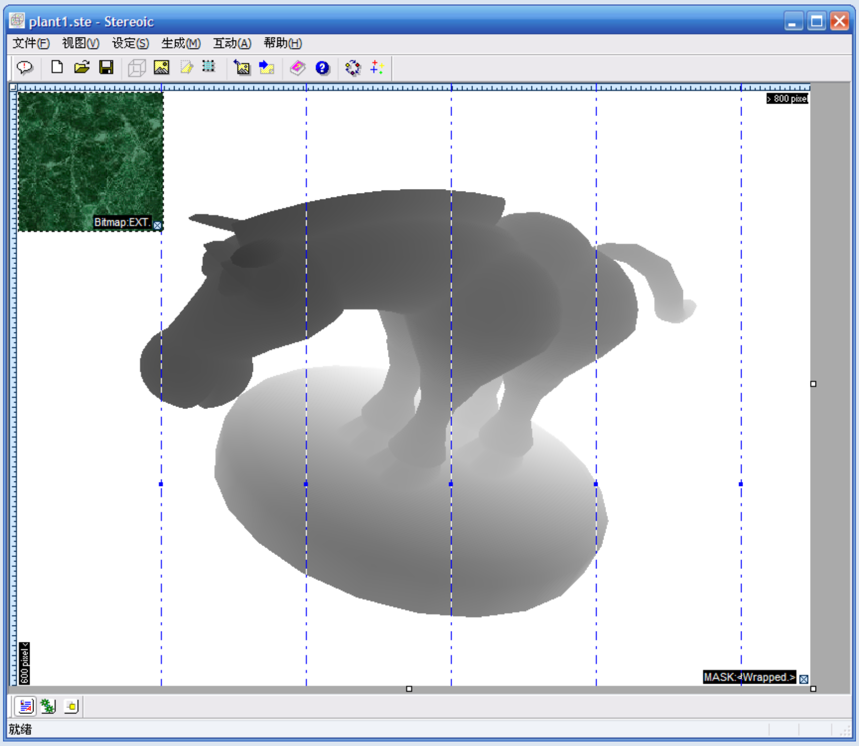
```
CommuSYS.Rpc
  CreateTransaction():Rpc_connector
  GetTransactionID(objTranscation:Object):
  GetTransactionByID(nID:Number);
  SuspendTransaction(nID:Number);
  _AllocateTransID(Trans):Number;
  _RemoveTrans(ID:Number);
  GetCurrentTransIDLst():Array;
  ClearAll();
//--vars
  _lstTransaction:Object();
  _id_counter:Number;
//--events
  OnNewTransaction(id);
  OnRemoveTransaction(id);

Rpc_connector
  Init();
  Send(strUrl:String):Boolean;
  _changeWorkingState(s:Number);
  _changeExecState(s:Number);
  Stop();
  SetTimeOut(nDuration):Boolean;
  GetTimeOut():Number
  _startTimeOutDaemon();
  _clearTimeOut();
  GetCurrentState():Number;
  GetResponse(bRaw:Boolean);
```

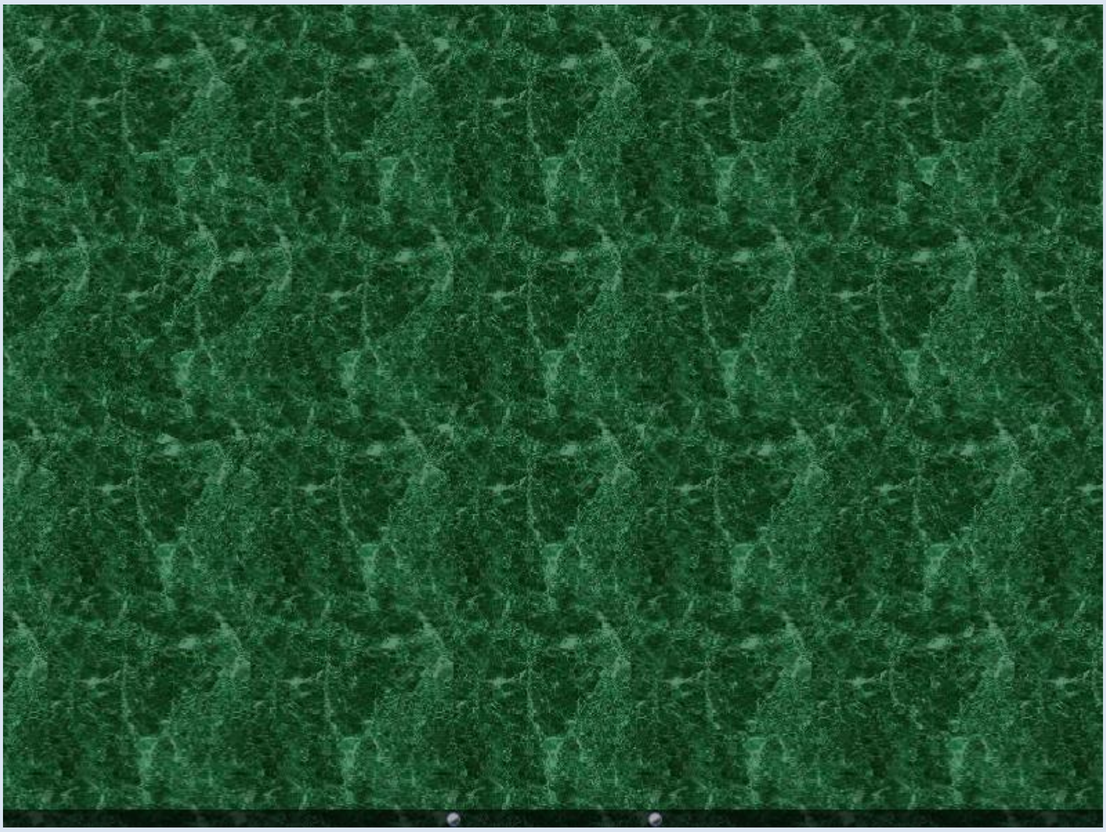
API Lists

Project Name:	**Stereoic**
Description:	*Stereoic* is a system allows people who have no knowledge of stereogram to create their Auto-stereogram images easily.
Responsibilities:	finished the whole project.
Technology Used:	Visualized editing environment; MFC; DirectX 3d

Pictures:



Screenshot



Auto-Stereogram Generated By Stereoic