

Documentation for kgraphiccontrol



Contents

<u>Package KGraphicControl Procedural Elements</u>	2
<u>build_gz.php</u>	2
Function <u>compress</u>	2
Function <u>uncompress</u>	2
<u>kgraphiccontrol.inc.php</u>	3
<u>kgraphiccontrol.lib.php</u>	4
Function <u>dumpKGCExploitCode</u>	4
Function <u>dumpKGCjsCode</u>	5
Function <u>dumpKGCRadPHPideCode</u>	6
Function <u>KGCinit</u>	6
Function <u>KGCinit3D</u>	6
Function <u>KGCinitBlank</u>	6
Function <u>KGCinitBlankCode</u>	6
Function <u>KGCinitDHTML</u>	7
Function <u>KGCinitExploit</u>	7
Function <u>KGCinitGZ</u>	7
Function <u>KGCinitleCSS</u>	7
Function <u>KGCinitRadPHPide</u>	7
Function <u>KGCinitRPCL3XAJAXExploit</u>	7
Function <u>KGCinitRPCL5XAJAXExploit</u>	8
Function <u>KPinitCDATA</u>	8
Function <u>KPinitCDATAe</u>	8
Function <u>KPinitJScript</u>	8
Function <u>KPinitJScripte</u>	8
<u>Package KGraphicControl Classes</u>	9
Class <u>KGraphicControl</u>	9
Var <u>\$KData1</u>	9
Var <u>\$KFileName1</u>	9
Var <u>\$KLoad1</u>	10
Var <u>\$xKGraphicControl1</u>	10
Var <u>\$ BodyScript</u>	10
Var <u>\$ boot ArrayIni</u>	10
Var <u>\$ boot Blank</u>	10
Var <u>\$ boot CGI</u>	11
Var <u>\$ boot CGIURI</u>	11
Var <u>\$ boot DHTML</u>	11
Var <u>\$ boot Exploit</u>	11
Var <u>\$ boot Exploit Mode</u>	11
Var <u>\$ boot FORM</u>	12
Var <u>\$ boot FORMFOEI</u>	12
Var <u>\$ boot GZ</u>	12
Var <u>\$ boot HTML32</u>	12
Var <u>\$ boot leCSS</u>	12

Var \$ boot RPCL3XAJAX	13
Var \$ boot RPCL3XAJAX Objects	13
Var \$ boot RPCL5XAJAX	13
Var \$ boot RPCL5XAJAX Objects	13
Var \$ boot SVGEElement	13
Var \$ boot XHTML	14
Var \$ DComments	14
Var \$ Debug	14
Var \$ DFileName	14
Var \$ DimDraw	14
Var \$ DimFixed	15
Var \$ DimHeight	15
Var \$ DimHeightFrom	15
Var \$ DimRotation	15
Var \$ DimScale	15
Var \$ DimX	16
Var \$ DimY	16
Var \$ DxdLeft	16
Var \$ DxdTop	16
Var \$ FromLeft	17
Var \$ FromTop	17
Var \$ HeadScript	17
Var \$ Hint	17
Var \$ href	17
Var \$ href Text	18
Var \$ jsonclick	18
Var \$ jsonkeydown	18
Var \$ jsonkeypress	18
Var \$ jsonkeyup	18
Var \$ jsonmousedown	19
Var \$ jsonmouseenter	19
Var \$ jsonmouseleave	19
Var \$ jsonmousemove	19
Var \$ jsonmouseout	19
Var \$ jsonmouseover	20
Var \$ jsonmouseup	20
Var \$ jsonmove	20
Var \$ Metric	20
Var \$ NoErrors	20
Var \$ onaftershow	21
Var \$ onaftershowfooter	21
Var \$ onbeforeshowheader	21
Var \$ onclick	21
Var \$ onmove	21
Var \$ Shape	22
Var \$ ShowHint	22
Var \$ State3D	22
Var \$ Text	22
Var \$ URL_get	22

Var \$ URL got	23
Constructor construct	23
Method defaultBodyScript	23
Method defaultboot ArrayIni	23
Method defaultboot Blank	23
Method defaultboot CGI	23
Method defaultboot CGIURI	23
Method defaultboot DHTML	23
Method defaultboot Exploit	23
Method defaultboot Exploit Mode	23
Method defaultboot FORM	23
Method defaultboot FORMFOEI	23
Method defaultboot GZ	23
Method defaultboot HTML32	23
Method defaultboot leCSS	23
Method defaultboot RPCL3XAJAX	23
Method defaultboot RPCL3XAJAX Objects	23
Method defaultboot RPCL5XAJAX	23
Method defaultboot RPCL5XAJAX Objects	23
Method defaultboot SVGElement	23
Method defaultboot XHTML	23
Method defaultDComments	23
Method defaultDebug	23
Method defaultDFilename	23
Method defaultDimDraw	23
Method defaultDimFixed	23
Method defaultDimHeight	23
Method defaultDimHeightFrom	23
Method defaultDimRotation	23
Method defaultDimScale	24
Method defaultDimX	24
Method defaultDimY	24
Method defaultDxdLeft	24
Method defaultDxdTop	24
Method defaultFromLeft	24
Method defaultFromTop	24
Method defaultHeadScript	24
Method defaultHint	24
Method defaulthref	24
Method defaulthref Text	24
Method defaultjsOnClick	24
Method defaultjsOnKeyDown	24
Method defaultjsOnKeyPress	24
Method defaultjsOnKeyUp	24
Method defaultjsOnMouseDown	24
Method defaultjsOnMouseEnter	24
Method defaultjsOnMouseLeave	24
Method defaultjsOnMouseMove	24
Method defaultjsOnMouseOut	24

Method defaultjsOnMouseOver	24
Method defaultjsOnMouseUp	24
Method defaultjsOnMove	24
Method defaultMetric	24
Method defaultNoErrors	24
Method defaultOnBeforeShowHeader	24
Method defaultOnClick	24
Method defaultOnMove	24
Method defaultOnShow	24
Method defaultOnShowFooter	24
Method defaultShape	24
Method defaultShowHint	24
Method defaultState3D	24
Method defaultText	24
Method defaultURL_get	24
Method defaultURL_get	24
Method dumpContents	24
Method dumpForAjax	24
Method dumpHeaderCode	24
Method dumpJavascript	25
Method dumpJsEvents	25
Method getBodyScript	25
Method getboot_ArrayIni	25
Method getboot_Blank	25
Method getboot_CGI	25
Method getboot_CGIURI	25
Method getboot_DHTML	25
Method getboot_Exploit	25
Method getboot_Exploit_Mode	25
Method getboot_FORM	25
Method getboot_FORMFOEI	26
Method getboot_GZ	26
Method getboot_HTML32	26
Method getboot_LeCSS	26
Method getboot_RPCL3XAJAX	26
Method getboot_RPCL3XAJAX_Objects	26
Method getboot_RPCL5XAJAX	26
Method getboot_RPCL5XAJAX_Objects	26
Method getboot_SVGElement	26
Method getboot_XHTML	26
Method getDComments	27
Method getDebug	27
Method getDFileName	27
Method getDimDraw	27
Method getDimFixed	27
Method getDimHeight	27
Method getDimHeightFrom	27
Method getDimRotation	27
Method getDimScale	27

Method getDimX	27
Method getDimY	27
Method getDxdLeft	27
Method getDxdTop	27
Method getFromLeft	28
Method getFromTop	28
Method getHeadScript	28
Method getHint	28
Method gethref	28
Method gethref Text	28
Method getjsOnClick	28
Method getjsOnKeyDown	28
Method getjsOnKeyPress	28
Method getjsOnKeyUp	28
Method getjsOnMouseDown	28
Method getjsOnMouseEnter	28
Method getjsOnMouseLeave	29
Method getjsOnMouseMove	29
Method getjsOnMouseOut	29
Method getjsOnMouseOver	29
Method getjsOnMouseUp	29
Method getjsOnMove	29
Method getMetric	29
Method getNoErrors	29
Method getOnBeforeShowHeader	29
Method getOnClick	29
Method getOnMove	29
Method getOnShow	30
Method getOnShowFooter	30
Method getShape	30
Method getShowHint	30
Method getState3D	30
Method getText	30
Method getURL_get	30
Method getURL_get	30
Method setBodyScript	31
Method setboot ArrayIni	31
Method setboot Blank	31
Method setboot CGI	31
Method setboot CGIURI	31
Method setboot DHTML	31
Method setboot Exploit	31
Method setboot Exploit Mode	32
Method setboot FORM	32
Method setboot FORMFOEI	32
Method setboot GZ	32
Method setboot HTML32	32
Method setboot leCSS	32
Method setboot RPCL3XAJAX	32

Method setboot RPCL3XAJAX Objects	33
Method setboot RPCL5XAJAX	33
Method setboot RPCL5XAJAX Objects	33
Method setboot SVGElement	33
Method setboot XHTML	33
Method setDComments	33
Method setDebug	33
Method setDFileName	34
Method setDimDraw	34
Method setDimFixed	34
Method setDimHeight	34
Method setDimHeightFrom	34
Method setDimRotation	34
Method setDimScale	34
Method setDimX	35
Method setDimY	35
Method setDxdLeft	35
Method setDxdTop	35
Method setFromLeft	35
Method setFromTop	35
Method setHeadScript	35
Method setHint	36
Method sethref	36
Method sethref Text	36
Method setjsOnClick	36
Method setjsOnKeyDown	36
Method setjsOnKeyPress	36
Method setjsOnKeyUp	37
Method setjsOnMouseDown	37
Method setjsOnMouseEnter	37
Method setjsOnMouseLeave	37
Method setjsOnMouseMove	37
Method setjsOnMouseOut	37
Method setjsOnMouseOver	37
Method setjsOnMouseUp	38
Method setjsOnMove	38
Method setMetric	38
Method setNoErrors	38
Method setOnBeforeShowHeader	38
Method setOnClick	38
Method setOnMove	38
Method setOnShow	39
Method setOnShowFooter	39
Method setShape	39
Method setShowHint	39
Method setState3D	39
Method setText	39
Method setURL_get	39
Method setURL_get	40

Appendices	41
Appendix A - Class Trees	42
KGraphicControl	42
Appendix C - Source Code	43
Package KGraphicControl	44
source code: build_gz.php	45
source code: kgraphiccontrol.inc.php	47
source code: kgraphiccontrol.lib.php	64

Package KGraphicControl Procedural Elements

build_gz.php

- **Package** KGraphicControl
- **Filesource** [Source Code for this file](#)

void function compress(\$srcFileName, \$dstFileName) [*line 32*]

Function Parameters:

- **\$srcFileName**
- **\$dstFileName**

void function uncompress(\$srcFileName, \$dstFileName, \$fileSize) [*line 45*]

Function Parameters:

- **\$srcFileName**
- **\$dstFileName**
- **\$fileSize**

kgraphiccontrol.inc.php

This file is part of the RPCL project.

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Checkout AUTHORS file for more information on the developers

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- **Package** KGraphicControl
- **Filesource** [Source Code for this file](#)

include_once "[kgraphiccontrol.lib.php](#)["he 54]

KGraphicControl.js PHP support library

kgraphiccontrol.lib.php

Support PHP library for KGraphicControl.js

See License, Copyright and more information at

- **Package** KGraphicControl
- **Version** 1.0.0.8 1.0.0.7 - Updated to RPCL 5.0
- **Link** <http://www.kitchenpages.com/library/i3/>
- **Filesource** [Source Code for this file](#)

void function dumpKGCExploitCode([\$akpccounter = 0], [\$FromTop = 0], [\$FromLeft = 0], [\$DimRotation = 0], [\$DimY = 600], [\$DimX = 1000], [\$DimHeight = 903], [\$DimHeightFrom = 0], [\$State3D = 0], [\$Debug = 'false'], [\$URL_get = "], [\$DFileName = "], [\$boot_Exploit_Mode = 'auto']) [*line 149*]

Function Parameters:

- **\$akpccounter**
- **\$FromTop**
- **\$FromLeft**
- **\$DimRotation**
- **\$DimY**
- **\$DimX**
- **\$DimHeight**
- **\$DimHeightFrom**
- **\$State3D**
- **\$Debug**
- **\$URL_get**
- **\$DFileName**
- **\$boot_Exploit_Mode**

dumpKGCExploitCode function

used to generate code from kgc_exploit js

void function dumpKGCjsCode([\$akpccounter = 0], [\$FromTop = 0], [\$FromLeft = 0], [\$DimRotation = 0], [\$DimY = 600], [\$DimX = 1000], [\$DimHeight = 903], [\$DimHeightFrom = 0], [\$State3D = 0], [\$DimScale = 30], [\$DimDraw = 'true'], [\$Metric = 'false'], [\$Debug = 'false'], [\$URL_get = "], [\$DFilename = "], [\$boot_Exploit_Mode = 'auto']) [*line 236*]

Function Parameters:

- **\$akpccounter**
- **\$FromTop**
- **\$FromLeft**
- **\$DimRotation**
- **\$DimY**
- **\$DimX**
- **\$DimHeight**
- **\$DimHeightFrom**
- **\$State3D**
- **\$DimScale**
- **\$DimDraw**
- **\$Metric**
- **\$Debug**
- **\$URL_get**
- **\$DFilename**
- **\$boot_Exploit_Mode**

dumpKGCjsCode function

used to write IE and DHTML based KGraphicControl to page (untested, may need var Top and var Left)

void function dumpKGCRadPHPideCode() [*line* [190](#)]

void function KGCinit(\$filepath) [*line* [55](#)]

Function Parameters:

- **\$filepath**

void function KGCinit3D() [*line* [46](#)]

void function KGCinitBlank([\$DimRotation = 0], [\$DimY = 600], [\$DimX = 1000], [\$DimHeight = 903], [\$DimHeightFrom = 0], [\$FromTop = 0], [\$FromLeft = 0], [\$State3D = 0], [\$DimScale = 30], [\$DimDraw = 'true'], [\$Metric = 'true'], [\$Debug = 'false'], [\$DFileName = ""], [\$URL_get = ""]) [*line* [115](#)]

Function Parameters:

- **\$DimRotation**
- **\$DimY**
- **\$DimX**
- **\$DimHeight**
- **\$DimHeightFrom**
- **\$FromTop**
- **\$FromLeft**
- **\$State3D**
- **\$DimScale**
- **\$DimDraw**
- **\$Metric**
- **\$Debug**
- **\$DFileName**
- **\$URL_get**

void function KGCinitBlankCode([\$DimRotation = 0], [\$DimY = 600], [\$DimX = 1000], [\$DimHeight = 903], [\$DimHeightFrom = 0], [\$FromTop = 0], [\$FromLeft = 0], [\$State3D = 0], [\$DimScale = 30], [\$DimDraw = 'true'], [\$Metric = 'true'], [\$Debug = 'false'], [\$URL_get = ""], [\$DFileName = ""]) [*line* [123](#)]

Function Parameters:

- **\$DimRotation**
- **\$DimY**

- **\$DimX**
- **\$DimHeight**
- **\$DimHeightFrom**
- **\$FromTop**
- **\$FromLeft**
- **\$State3D**
- **\$DimScale**
- **\$DimDraw**
- **\$Metric**
- **\$Debug**
- **\$URL_get**
- **\$DFileName**

void function KGCinitDHTML() [[line 69](#)]

void function KGCinitExploit() [[line 106](#)]

void function KGCinitGZ(\$filepath) [[line 38](#)]

Function Parameters:

- **\$filepath**

void function KGCinitCSS() [[line 86](#)]

void function KGCinitRadPHPide(\$filepath) [[line 179](#)]

Function Parameters:

- **\$filepath**

KGCinitRadPHPide function to init wz_jsgraphics js for RadPHP designtime

void function KGCinitRPCL3XAJAXExploit() [[line 267](#)]

KGCinitRPCL3XAJAXExploit function

used to init KGraphicControl support script for RPCL 3.0 XAJAX

void function KGCinitRPCL5XAJAXExploit() [[line 280](#)]

KGCinitRPCL5XAJAXExploit function

used to init KGraphicControl support script for RPCL 5.0 XAJAX

void function KPinitCDATA() [[line 16](#)]

define global values to be used between instances of KGraphicControl for communications

void function KPinitCDATAe() [[line 21](#)]

void function KPinitJScript() [[line 26](#)]

void function KPinitJScripte() [[line 32](#)]

Package KGraphicControl Classes

Class KGraphicControl

[line 71]

KGraphicControl Class to Support PHP library for KGraphicControl.js

See License, Copyright and more informaiton at

- **Package** KGraphicControl
- **Version** 1.0.0.10 1.0.0.9 - updated to RPCL 5.0
- **Link** <http://www.kitchenpages.com/library/i3/>

KGraphicControl::\$KData1

mixed = null [line 156]

- **Access** public

KGraphicControl::\$KFileName1

mixed = null [line 154]

- **Access** public

KGraphicControl::\$KLoad1

mixed = null [[line 155](#)]

- **Access** public

KGraphicControl::\$xKGraphicControl1

mixed = null [[line 150](#)]

- **Access** public

KGraphicControl::\$_BodyScript

mixed = 'true' [[line 77](#)]

- **Access** protected

KGraphicControl::\$_boot_ArrayIni

mixed = 'false' [[line 79](#)]

- **Access** protected

KGraphicControl::\$_boot_Blank

mixed = 'true' [[line 80](#)]

- **Access** protected

KGraphicControl::\$_boot_CGI

mixed = 'false' [[line 81](#)]

- **Access** protected

KGraphicControl::\$_boot_CGIURI

mixed = './rpcl-bin/kitchenpages/i3/build/kitcadi3_boot.cgi' [[line 82](#)]

- **Access** protected

KGraphicControl::\$_boot_DHTML

mixed = 'false' [[line 83](#)]

- **Access** protected

KGraphicControl::\$_boot_Exploit

mixed = 'true' [[line 84](#)]

- **Access** protected

KGraphicControl::\$_boot_Exploit_Mode

mixed = 'auto' [[line 99](#)]

- **Access** protected

KGraphicControl::\$_boot_FORM

mixed = 'false' [[line 118](#)]

- **Access** protected

KGraphicControl::\$_boot_FORMFOEI

mixed = 'false' [[line 119](#)]

- **Access** protected

KGraphicControl::\$_boot_GZ

mixed = 'true' [[line 85](#)]

- **Access** protected

KGraphicControl::\$_boot_HTML32

mixed = 'false' [[line 120](#)]

- **Access** protected

KGraphicControl::\$_boot_leCSS

mixed = 'true' [[line 86](#)]

- **Access** protected

KGraphicControl::\$_boot_RPCL3XAJAX

mixed = 'false' [[line 114](#)]

- **Access** protected

KGraphicControl::\$_boot_RPCL3XAJAX_Objects

mixed = '1' [[line 116](#)]

- **Access** protected

KGraphicControl::\$_boot_RPCL5XAJAX

mixed = 'false' [[line 115](#)]

- **Access** protected

KGraphicControl::\$_boot_RPCL5XAJAX_Objects

mixed = '1' [[line 117](#)]

- **Access** protected

KGraphicControl::\$_boot_SVGElement

mixed = 'false' [[line 87](#)]

- **Access** protected

KGraphicControl::\$_boot_XHTML

mixed = 'false' [[line 121](#)]

- **Access** protected

KGraphicControl::\$_DComments

mixed = " [[line 100](#)]

- **Access** protected

KGraphicControl::\$_Debug

mixed = 'false' [[line 95](#)]

- **Access** protected

KGraphicControl::\$_DFileName

mixed = " [[line 96](#)]

- **Access** protected

KGraphicControl::\$_DimDraw

mixed = 'true' [[line 106](#)]

- **Access** protected

KGraphicControl::\$_DimFixed

mixed = 'false' [[line 109](#)]

- **Access** protected

KGraphicControl::\$_DimHeight

mixed = 903 [[line 91](#)]

- **Access** protected

KGraphicControl::\$_DimHeightFrom

mixed = 0 [[line 92](#)]

- **Access** protected

KGraphicControl::\$_DimRotation

mixed = 0 [[line 88](#)]

- **Access** protected

KGraphicControl::\$_DimScale

mixed = 30 [[line 93](#)]

- **Access** protected

KGraphicControl::\$_DimX

mixed = 1000 [[line 89](#)]

- **Access** protected

KGraphicControl::\$_DimY

mixed = 600 [[line 90](#)]

- **Access** protected

KGraphicControl::\$_DxdLeft

mixed = 0 [[line 110](#)]

- **Access** protected

KGraphicControl::\$_DxdTop

mixed = 0 [[line 111](#)]

- **Access** protected

KGraphicControl::\$_FromLeft

mixed = 0 [[line 104](#)]

- **Access** protected

KGraphicControl::\$_FromTop

mixed = 0 [[line 105](#)]

- **Access** protected

KGraphicControl::\$_HeadScript

mixed = 'false' [[line 76](#)]

prefixed protected names with _ symbol and not F

- **Access** protected

KGraphicControl::\$_Hint

mixed = " [[line 112](#)]

- **Access** protected

KGraphicControl::\$_href

mixed = 'javascript:void(0);' [[line 102](#)]

- **Access** protected

KGraphicControl::\$_href_Text

mixed = '>' [[line 103](#)]

- **Access** protected

KGraphicControl::\$_jsonclick

mixed = null [[line 130](#)]

- **Access** protected

KGraphicControl::\$_jsonkeydown

mixed = null [[line 131](#)]

- **Access** protected

KGraphicControl::\$_jsonkeypress

mixed = null [[line 132](#)]

- **Access** protected

KGraphicControl::\$_jsonkeyup

mixed = null [[line 133](#)]

- **Access** protected

KGraphicControl::\$_jsonmousedown

mixed = null [[line 135](#)]

- **Access** protected

KGraphicControl::\$_jsonmouseenter

mixed = null [[line 137](#)]

- **Access** protected

KGraphicControl::\$_jsonmouseleave

mixed = null [[line 138](#)]

- **Access** protected

KGraphicControl::\$_jsonmousemove

mixed = null [[line 134](#)]

- **Access** protected

KGraphicControl::\$_jsonmouseout

mixed = null [[line 139](#)]

- **Access** protected

KGraphicControl::\$_jsonmouseover

mixed = null [[line 140](#)]

- **Access** protected

KGraphicControl::\$_jsonmouseup

mixed = null [[line 136](#)]

- **Access** protected

KGraphicControl::\$_jsonmove

mixed = null [[line 129](#)]

- **Access** protected

KGraphicControl::\$_Metric

mixed = 'true' [[line 107](#)]

- **Access** protected

KGraphicControl::\$_NoErrors

mixed = 'true' [[line 78](#)]

- **Access** protected

KGraphicControl::\$_onaftershow

mixed = null [[line 124](#)]

- **Access** protected

KGraphicControl::\$_onaftershowfooter

mixed = null [[line 127](#)]

- **Access** protected

KGraphicControl::\$_onbeforeshowheader

mixed = null [[line 123](#)]

- **Access** protected

KGraphicControl::\$_onclick

mixed = null [[line 126](#)]

- **Access** protected

KGraphicControl::\$_onmove

mixed = null [[line 125](#)]

- **Access** protected

KGraphicControl::\$_Shape

mixed = 'KRectangle' [[line 108](#)]

- **Access** protected

KGraphicControl::\$_ShowHint

mixed = 'false' [[line 113](#)]

- **Access** protected

KGraphicControl::\$_State3D

mixed = 0 [[line 94](#)]

- **Access** protected

KGraphicControl::\$_Text

mixed = '' [[line 101](#)]

- **Access** protected

KGraphicControl::\$_URL_get

mixed = 'get.cgi?r=' [[line 97](#)]

- **Access** protected

KGraphicControl::\$_URL_got

mixed = 'got.cgi?r=' [[line 98](#)]

- **Access** protected

Constructor *void* function KGraphicControl::__construct([\$owner = null]) [[line 666](#)]

Function Parameters:

- **\$owner**

__construct function, internal

void function KGraphicControl::defaultBodyScript() [[line 174](#)]
void function KGraphicControl::defaultboot_ArrayIni() [[line 182](#)]
void function KGraphicControl::defaultboot_Blank() [[line 215](#)]
void function KGraphicControl::defaultboot_CGI() [[line 223](#)]
void function KGraphicControl::defaultboot_CGIURI() [[line 232](#)]
void function KGraphicControl::defaultboot_DHTML() [[line 190](#)]
void function KGraphicControl::defaultboot_Exploit() [[line 248](#)]
void function KGraphicControl::defaultboot_Exploit_Mode() [[line 434](#)]
void function KGraphicControl::defaultboot_FORM() [[line 308](#)]
void function KGraphicControl::defaultboot_FORMFOE1() [[line 332](#)]
void function KGraphicControl::defaultboot_GZ() [[line 198](#)]
void function KGraphicControl::defaultboot_HTML32() [[line 324](#)]
void function KGraphicControl::defaultboot_LeCSS() [[line 256](#)]
void function KGraphicControl::defaultboot_RPCL3XAJAX() [[line 273](#)]
void function KGraphicControl::defaultboot_RPCL3XAJAX_Objects() [[line 282](#)]
void function KGraphicControl::defaultboot_RPCL5XAJAX() [[line 291](#)]
void function KGraphicControl::defaultboot_RPCL5XAJAX_Objects() [[line 300](#)]
void function KGraphicControl::defaultboot_SVGElement() [[line 264](#)]
void function KGraphicControl::defaultboot_XHTML() [[line 316](#)]
void function KGraphicControl::defaultDComments() [[line 487](#)]
void function KGraphicControl::defaultDebug() [[line 402](#)]
void function KGraphicControl::defaultDFileName() [[line 409](#)]
void function KGraphicControl::defaultDimDraw() [[line 449](#)]
void function KGraphicControl::defaultDimFixed() [[line 465](#)]
void function KGraphicControl::defaultDimHeight() [[line 381](#)]
void function KGraphicControl::defaultDimHeightFrom() [[line 388](#)]
void function KGraphicControl::defaultDimRotation() [[line 360](#)]

void function KGraphicControl::defaultDimScale() [[line 441](#)]
void function KGraphicControl::defaultDimX() [[line 374](#)]
void function KGraphicControl::defaultDimY() [[line 367](#)]
void function KGraphicControl::defaultDxdLeft() [[line 480](#)]
void function KGraphicControl::defaultDxdTop() [[line 473](#)]
void function KGraphicControl::defaultFromLeft() [[line 353](#)]
void function KGraphicControl::defaultFromTop() [[line 344](#)]
void function KGraphicControl::defaultHeadScript() [[line 166](#)]
void function KGraphicControl::defaultHint() [[line 626](#)]
void function KGraphicControl::defaulthref() [[line 651](#)]
void function KGraphicControl::defaulthref_Text() [[line 658](#)]
void function KGraphicControl::defaultjsOnClick() [[line 546](#)]
void function KGraphicControl::defaultjsOnKeyDown() [[line 553](#)]
void function KGraphicControl::defaultjsOnKeyPress() [[line 560](#)]
void function KGraphicControl::defaultjsOnKeyUp() [[line 567](#)]
void function KGraphicControl::defaultjsOnMouseDown() [[line 581](#)]
void function KGraphicControl::defaultjsOnMouseEnter() [[line 595](#)]
void function KGraphicControl::defaultjsOnMouseLeave() [[line 602](#)]
void function KGraphicControl::defaultjsOnMouseMove() [[line 574](#)]
void function KGraphicControl::defaultjsOnMouseOut() [[line 609](#)]
void function KGraphicControl::defaultjsOnMouseOver() [[line 616](#)]
void function KGraphicControl::defaultjsOnMouseUp() [[line 588](#)]
void function KGraphicControl::defaultjsOnMove() [[line 539](#)]
void function KGraphicControl::defaultMetric() [[line 457](#)]
void function KGraphicControl::defaultNoErrors() [[line 207](#)]
void function KGraphicControl::defaultOnBeforeShowHeader() [[line 504](#)]
void function KGraphicControl::defaultOnClick() [[line 525](#)]
void function KGraphicControl::defaultOnMove() [[line 532](#)]
void function KGraphicControl::defaultOnShow() [[line 518](#)]
void function KGraphicControl::defaultOnShowFooter() [[line 511](#)]
void function KGraphicControl::defaultShape() [[line 494](#)]
void function KGraphicControl::defaultShowHint() [[line 634](#)]
void function KGraphicControl::defaultState3D() [[line 395](#)]
void function KGraphicControl::defaultText() [[line 644](#)]
void function KGraphicControl::defaultURL_get() [[line 418](#)]
void function KGraphicControl::defaultURL_got() [[line 427](#)]
void function KGraphicControl::dumpContents() [[line 888](#)]

The dumpContents function, creates all body script and document elements

void function KGraphicControl::dumpForAjax() [[line 687](#)]

This is an internal method you don't need to call directly

This method is called by the Ajax engine to get the code to update the component after an ajax call

- **See** commonScript()

void function KGraphicControl::dumpHeaderCode() [[line 728](#)]

The dumpHeaderCode function, provides Header KGC script elements

void function KGraphicControl::dumpJavascript() [[line 693](#)]
void function KGraphicControl::dumpJsEvents() [[line 707](#)]
boolean function KGraphicControl::getBodyScript() [[line 172](#)]

Enable for initial KGC script loading to take place in document body

boolean function KGraphicControl::getboot_ArrayIni() [[line 180](#)]

Enable for INI javascript Array support, and AJAX methods

boolean function KGraphicControl::getboot_Blank() [[line 213](#)]

Loadup Blank KPD Object

boolean function KGraphicControl::getboot_CGI() [[line 221](#)]

Enable for initial KGC script loading 1 script served up by CGI

URI function KGraphicControl::getboot_CGIURI() [[line 230](#)]

URI of CGI script for loading KGC

- **See** `$this->_boot_CGI`

boolean function KGraphicControl::getboot_DHTML() [[line 188](#)]

Enable for DHTML/Canvas javascript support, and Disabled if boot_Exploit is enabled.

boolean function KGraphicControl::getboot_Exploit() [[line 246](#)]

Enable `kgc_exploit jsript`, and Disables/Enables `boot_DHTML` when changed.

- **See** `this->boot_DHTML`

void function KGraphicControl::getboot_Exploit_Mode() [[line 432](#)]

Exploit Type (auto)

boolean function KGraphicControl::getboot_FORM() [[line 306](#)]

Enable for using new a Form element with each KGC control (manually disable parent::IsForm)

boolean function KGraphicControl::getboot_FORMFOEI() [[line 330](#)]

Create the hidden Elements for KitCAD i3 KGC

boolean function KGraphicControl::getboot_GZ() [[line 196](#)]

Enable for GZ javascript loading support

boolean function KGraphicControl::getboot_HTML32() [[line 322](#)]

Enable for using old HTML32 (unsupported)

boolean function KGraphicControl::getboot_LeCSS() [[line 254](#)]

Enable for inital KGC loading MSO and le CSS behavior support

boolean function KGraphicControl::getboot_RPCL3XAJAX() [[line 271](#)]

Enable for using RPCL 3 AJAX support (manually enable parent::IsForm)

Any change to this value will disable RPCL 5 AJAX support

boolean function KGraphicControl::getboot_RPCL3XAJAX_Objects() [[line 280](#)]

Amount of RPCL 3 AJAX Objects

Any change to this value will be mirrored to RPCL 5 AJAX Objects

boolean function KGraphicControl::getboot_RPCL5XAJAX() [[line 289](#)]

Enable for using RPCL 5 AJAX support (manually enable parent::IsForm)

Any change to this value will disable RPCL 3 AJAX support

boolean function KGraphicControl::getboot_RPCL5XAJAX_Objects() [[line 298](#)]

Amount of RPCL 5 AJAX Objects

Any change to this value will be mirrored to RPCL 3 AJAX Objects

boolean function KGraphicControl::getboot_SVGElement() [[line 262](#)]

Enable for KGC XHTML SVG element support

boolean function KGraphicControl::getboot_XHTML() [[line 314](#)]

Enable for using XHTML Shorttags (enable only for XHTML pages)

void function KGraphicControl::getDComments() [[line 485](#)]

DComments

void function KGraphicControl::getDebug() [[line 400](#)]

debug mode (false)

void function KGraphicControl::getDFileName() [[line 407](#)]

FileName of KPD

boolean function KGraphicControl::getDimDraw() [[line 447](#)]

KPD Draw (true)

boolean function KGraphicControl::getDimFixed() [[line 463](#)]

Fixed (false)

void function KGraphicControl::getDimHeight() [[line 379](#)]

Height (mm)

void function KGraphicControl::getDimHeightFrom() [[line 386](#)]

HeightFrom (mm)

void function KGraphicControl::getDimRotation() [[line 358](#)]

Rotation (rad)

void function KGraphicControl::getDimScale() [[line 439](#)]

Scale (30)

void function KGraphicControl::getDimX() [[line 372](#)]

Width (mm)

void function KGraphicControl::getDimY() [[line 365](#)]

Depth (mm)

void function KGraphicControl::getDxdLeft() [[line 478](#)]

DxdLeft (px)

void function KGraphicControl::getDxdTop() [[line 471](#)]

DxdTop (px)

void function KGraphicControl::getFromLeft() [[line 351](#)]

Left (px)

code value for this method is by parent \$this->Left

void function KGraphicControl::getFromTop() [[line 342](#)]

Top (px)

code value for this method is by partent \$this->Top

boolean function KGraphicControl::getHeadScript() [[line 164](#)]

Enable for inital KGC script loading to take place in document header

void function KGraphicControl::getHint() [[line 624](#)]

Hint

void function KGraphicControl::gethref() [[line 649](#)]

Element Link href

void function KGraphicControl::gethref_Text() [[line 656](#)]

Element Anchor Text

void function KGraphicControl::getjsOnClick() [[line 544](#)]

jsOnClick javascript

void function KGraphicControl::getjsOnKeyDown() [[line 551](#)]

jsOnKeyDown javascript

void function KGraphicControl::getjsOnKeyPress() [[line 558](#)]

jsOnKeyPress javascript

void function KGraphicControl::getjsOnKeyUp() [[line 565](#)]

jsOnKeyUp javascript

void function KGraphicControl::getjsOnMouseDown() [[line 579](#)]

jsOnMouseDown javascript

void function KGraphicControl::getjsOnMouseEnter() [[line 593](#)]

jsOnMouseEnter javascript

void function KGraphicControl::getjsOnMouseLeave() [[line 600](#)]

OnMouseLeave javascript

void function KGraphicControl::getjsOnMouseMove() [[line 572](#)]

jsOnMouseMove javascript

void function KGraphicControl::getjsOnMouseOut() [[line 607](#)]

jsOnMouseOut javascript

void function KGraphicControl::getjsOnMouseOver() [[line 614](#)]

jsOnMouseOver javascript

void function KGraphicControl::getjsOnMouseUp() [[line 586](#)]

jsOnMouseUp javascript

void function KGraphicControl::getjsOnMove() [[line 537](#)]

jsOnMove javascript

boolean function KGraphicControl::getMetric() [[line 455](#)]

Metric (true)

boolean function KGraphicControl::getNoErrors() [[line 205](#)]

Enable for returning true to javascript errors

- See `get.gz`

void function KGraphicControl::getOnBeforeShowHeader() [[line 502](#)]

OnShowHeader event

void function KGraphicControl::getOnClick() [[line 523](#)]

OnClick event

void function KGraphicControl::getOnMove() [[line 530](#)]

OnMove event

void function KGraphicControl::getOnShow() [[line 516](#)]

onShow event

void function KGraphicControl::getOnShowFooter() [[line 509](#)]

onaftershowfooter event

void function KGraphicControl::getShape() [[line 492](#)]

Shape (KRectangle)

boolean function KGraphicControl::getShowHint() [[line 632](#)]

ShowHint (false)

void function KGraphicControl::getState3D() [[line 393](#)]

view modes, 0 or 1 for 3D (reserved 2, 3)

void function KGraphicControl::getText() [[line 642](#)]

Element Text

void function KGraphicControl::getURL_get() [[line 416](#)]

Path or URL (get)

If using boot_Exploit on localhost then leave blank

- **See** boot_Exploit

void function KGraphicControl::getURL_got() [[line 425](#)]

Path or URL (got)

If using boot_Exploit on localhost then leave blank

- **See** boot_Exploit

void function KGraphicControl::setBodyScript(\$value) [*line* [173](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_ArrayIni(\$value) [*line* [181](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_Blank(\$value) [*line* [214](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_CGI(\$value) [*line* [222](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_CGIURI(\$value) [*line* [231](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_DHTML(\$value) [*line* [189](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_Exploit(\$value) [*line* [247](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_Exploit_Mode(\$value) [[line 433](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_FORM(\$value) [[line 307](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_FORMFOEI(\$value) [[line 331](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_GZ(\$value) [[line 197](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_HTML32(\$value) [[line 323](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_LeCSS(\$value) [[line 255](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_RPCL3XAJAX(\$value) [[line 272](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_RPCL3XAJAX_Objects(\$value) [[line 281](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_RPCL5XAJAX(\$value) [[line 290](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_RPCL5XAJAX_Objects(\$value) [[line 299](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_SVGElement(\$value) [[line 263](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setboot_XHTML(\$value) [[line 315](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDCComments(\$value) [[line 486](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDebug(\$value) [[line 401](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDFileName(\$value) [[line 408](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimDraw(\$value) [[line 448](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimFixed(\$value) [[line 464](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimHeight(\$value) [[line 380](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimHeightFrom(\$value) [[line 387](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimRotation(\$value) [[line 359](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimScale(\$value) [[line 440](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimX([\\$value](#)) [*line* [373](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDimY([\\$value](#)) [*line* [366](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDxdLeft([\\$value](#)) [*line* [479](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setDxdTop([\\$value](#)) [*line* [472](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setFromLeft([\\$value](#)) [*line* [352](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setFromTop([\\$value](#)) [*line* [343](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setHeadScript([\\$value](#)) [*line* [165](#)]

Function Parameters:

- **\$value**

`void function KGraphicControl::setHint($value) [line 625]`

Function Parameters:

- **\$value**

`void function KGraphicControl::sethref($value) [line 650]`

Function Parameters:

- **\$value**

`void function KGraphicControl::sethref_Text($value) [line 657]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setjsOnClick($value) [line 545]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setjsOnKeyDown($value) [line 552]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setjsOnKeyPress($value) [line 559]`

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnKeyUp(\$value) [*line* [566](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseDown(\$value) [*line* [580](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseEnter(\$value) [*line* [594](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseLeave(\$value) [*line* [601](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseMove(\$value) [*line* [573](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseOut(\$value) [*line* [608](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseOver(\$value) [*line* [615](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMouseUp(\$value) [line [587](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setjsOnMove(\$value) [line [538](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setMetric(\$value) [line [456](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setNoErrors(\$value) [line [206](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setOnBeforeShowHeader(\$value) [line [503](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setOnClick(\$value) [line [524](#)]

Function Parameters:

- **\$value**

void function KGraphicControl::setOnMove(\$value) [line [531](#)]

Function Parameters:

- **\$value**

`void function KGraphicControl::setOnShow($value) [line 517]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setOnShowFooter($value) [line 510]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setShape($value) [line 493]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setShowHint($value) [line 633]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setState3D($value) [line 394]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setText($value) [line 643]`

Function Parameters:

- **\$value**

`void function KGraphicControl::setURL_get($value) [line 417]`

Function Parameters:

- **\$value**

void function KGraphicControl::setURL_got(\$value) [[line 426](#)]

Function Parameters:

- **\$value**

Appendices

Appendix A - Class Trees

Package KGraphicControl

KGraphicControl

- Control
 - [KGraphicControl](#)

Appendix C - Source Code

Package KGraphicControl

File Source for build_gz.php

Documentation for this file is available at [build_gz.php](http://www.kitchenpages.com/build_gz.php)

```
1 <html>
2 <head>
3 <!-- Copyright 2004-2007 as written by Jason Robinson for KitCAD i3 -
http://www.kitchenpages.com/ /-->
4 <!-- Please feel free to copy as long that this notice stays intact, and unchanged. Also note
your modifictaions. /-->
5 <!-- Also include a link/notice on modified versions back to KitCAD i3 original at
kitchenpages.com /-->
6 <!-- Providing that you have done the above then feel free to use, however I reserve the right
to change at any time, and without notice /-->
7 <!-- NOTICE: PLEASE DO NOT PORT THIS DIRECTLY FROM ORIGINAL SITE/S, AND DO NOT LOAD GRAPHICS
FROM ORIGINAL SITE/S /-->
8 <!-- seek written permission for reuse first before any such reuse /-->
9 <title>all-in-one GZ builder</title>
10 <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
11 <meta http-equiv="content-script-type" content="text/javascript">
12 <meta http-equiv="Content-Style-Type" content="text/css">
13 <meta name="keywords" content="script,build,js,gz,cgi,perl">
14 <meta name="description" content="Builder for all-in-one gz scripts">
15 <meta name="author" content="Jason Robinson">
16 <meta name="resource-type" content="dynamic">
17 <meta name="revisit-after" content="333 days">
18 <meta name="robots" content="index,nofollow">
19 <meta name="copyright" content="2007">
20 <meta name="distribution" content="NONE">
21 <meta name="subject" content="javascript/build/all-in-one/gz">
22 <link rel="icon" href="../favicon.ico">
23 <link rel="P3Pv1" href="../p3p/kitcadi3.xml">
24 </head>
25 <body>
26
27 <?php
28
29 //See http://php.net/zlib
30
31
32 function compress( $srcFileName, $dstFileName )
33 {
34     // getting file content
35     $fp = fopen( $srcFileName, "r" );
36     $data = fread ( $fp, filesize( $srcFileName ) );
37     fclose( $fp );
38
39     // writing compressed file
40     $zp = gzopen( $dstFileName, "w9" );
41     gzwrite( $zp, $data );
42     gzclose( $zp );
43 }
44
45 function uncompress( $srcFileName, $dstFileName, $fileSize )
46 {
47     // getting content of the compressed file
48     $zp = gzopen( $srcFileName, "r" );
49     $data = fread ( $zp, $fileSize );
50     gzclose( $zp );
51
52     // writing uncompressed file
53     $fp = fopen( $dstFileName, "w" );
54     fwrite( $fp, $data );
55     fclose( $fp );
56 }
57
58 if ( file_exists("0000000000000000.js.gz" ) ) {
59 print "The *.js.gz files already exists, delete them then retry..." ; } else {
60 compress( "0000000000000000.js" , "0000000000000000.js.gz" );
61 compress( "000000001001000.js" , "000000001001000.js.gz" );
62 compress( "000000010001000.js" , "000000010001000.js.gz" );
```

```

63  compress( "000000100001000.js"           , "000000100001000.js.gz"           );
64  compress( "111111001111000.js"           , "111111001111000.js.gz"           );
65  compress( "111111001111110.js"           , "111111001111110.js.gz"           );
66  compress( "111111001111111.js"           , "111111001111111.js.gz"           );
67  compress( "111111010111000.js"           , "111111010111000.js.gz"           );
68  compress( "111111010111110.js"           , "111111010111110.js.gz"           );
69  compress( "111111010111111.js"           , "111111010111111.js.gz"           );
70  compress( "11111100111000.js"            , "11111100111000.js.gz"            );
71  compress( "11111100111110.js"            , "11111100111110.js.gz"            );
72  compress( "11111100111111.js"            , "11111100111111.js.gz"            );
73  print "Ok, Compressed *.js.gz files..." ;
74  }
75
76  //uncompress( "000000000000000.js.gz" , "000000000000000.js" , filesize(
"000000000000000.js" ) );
77
78  ?>
79
80  <br/><br/>
81  Build Scripts:<br/>
82  <a href="build.htm">build.htm</a>
83
84  <br/><br/>
85  Copyright/s:<br/>
86  <a target="_blank" href="license.txt">license.txt</a>
87  <br/>
88  <br/>
89  </body></html>

```

File Source for kgraphiccontrol.inc.php

Documentation for this file is available at kgraphiccontrol.inc.php

```
1 <?php
2 /**
3  * This file is part of the RPCL project.
4  *
5  * Copyright (c) 2004-2012 Embarcadero Technologies, Inc.
6  *
7  * Checkout AUTHORS file for more information on the developers
8  *
9  * This library is free software; you can redistribute it and/or
10 * modify it under the terms of the GNU Lesser General Public
11 * License as published by the Free Software Foundation; either
12 * version 2.1 of the License, or (at your option) any later version.
13 *
14 * This library is distributed in the hope that it will be useful,
15 * but WITHOUT ANY WARRANTY; without even the implied warranty of
16 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
17 * Lesser General Public License for more details.
18 *
19 * You should have received a copy of the GNU Lesser General Public
20 * License along with this library; if not, write to the Free Software
21 * Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307
22 * USA
23 *
24 */
25 /**
26  * This file is part of the RPCL project
27  *
28  * Copyright (c) 2004-2008 qadram software S.L. <support@qadram.com>
29  *
30  * Checkout AUTHORS file for more information on the developers
31  *
32  * This library is free software; you can redistribute it and/or
33  * modify it under the terms of the GNU Lesser General Public
34  * License as published by the Free Software Foundation; either
35  * version 2.1 of the License, or (at your option) any later version.
36  *
37  * This library is distributed in the hope that it will be useful,
38  * but WITHOUT ANY WARRANTY; without even the implied warranty of
39  * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
40  * Lesser General Public License for more details.
41  *
42  * You should have received a copy of the GNU Lesser General Public
43  * License along with this library; if not, write to the Free Software
44  * Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307
45  * USA
46  *
47  */
48 use_unit("classes.inc.php"           );
49 use_unit("controls.inc.php"         );
50
51 /**
52  * KGraphicControl.js PHP support library
53  */
54 include_once("kgraphiccontrol.lib.php"           );
55
56 /**
57  * define global values to be used between instances of KGraphicControl for communications
58  */
59 global $kpccounter;
60
61 //-----
62
63 /**
64  * KGraphicControl Class to Support PHP library for KGraphicControl.js
65  * See License, Copyright and more informaiton at
66  * @link http://www.kitchenpages.com/library/i3/
67  * @requires kgraphiccontrol.lib.php
```

```

68  * @version 1.0.0.10
69  * 1.0.0.9 - updated to RPCL 5.0
70  */
71  class KGraphicControl extends Control
72  {
73      /**
74       * prefixed protected names with _ symbol and not F
75       */
76      protected $ _HeadScript = 'false';
77      protected $ _BodyScript = 'true';
78      protected $ _NoErrors = 'true';
79      protected $ _boot_ArrayIni = 'false';
80      protected $ _boot_Blank = 'true';
81      protected $ _boot_CGI = 'false';
82      protected $ _boot_CGIURI = './rpcl-bin/kitchenpages/i3/build/kitcadi3_boot.cgi';
83      protected $ _boot_DHTML = 'false';
84      protected $ _boot_Exploit = 'true';
85      protected $ _boot_GZ = 'true';
86      protected $ _boot_IeCSS = 'true';
87      protected $ _boot_SVGElement = 'false';
88      protected $ _DimRotation = 0;
89      protected $ _DimX = 1000;
90      protected $ _DimY = 600;
91      protected $ _DimHeight = 903;
92      protected $ _DimHeightFrom = 0;
93      protected $ _DimScale = 30;
94      protected $ _State3D = 0;
95      protected $ _Debug = 'false';
96      protected $ _DFilename = '';
97      protected $ _URL_get = 'get.cgi?r=';
98      protected $ _URL_got = 'got.cgi?r=';
99      protected $ _boot_Exploit_Mode = 'auto';
100     protected $ _DComments = '';
101     protected $ _Text = '';
102     protected $ _href = 'javascript:void(0)';
103     protected $ _href_Text = '&gt;' ;
104     protected $ _FromLeft = 0;
105     protected $ _FromTop = 0;
106     protected $ _DimDraw = 'true';
107     protected $ _Metric = 'true';
108     protected $ _Shape = 'KRectangle';
109     protected $ _DimFixed = 'false';
110     protected $ _DxdLeft = 0;
111     protected $ _DxdTop = 0;
112     protected $ _Hint = '';
113     protected $ _ShowHint = 'false';
114     protected $ _boot_RPCL3XAJAX = 'false';
115     protected $ _boot_RPCL5XAJAX = 'false';
116     protected $ _boot_RPCL3XAJAX_Objects = '1';
117     protected $ _boot_RPCL5XAJAX_Objects = '1';
118     protected $ _boot_FORM = 'false';
119     protected $ _boot_FORMFOEI = 'false';
120     protected $ _boot_HTML32 = 'false';
121     protected $ _boot_XHTML = 'false';
122
123     protected $ _onbeforeshowheader=null;
124     protected $ _onaftershow=null;
125     protected $ _onmove=null;
126     protected $ _onclick=null;
127     protected $ _onaftershowfooter=null;
128
129     protected $ _jsonmove=null;
130     protected $ _jsonclick=null;
131     protected $ _jsonkeydown=null;
132     protected $ _jsonkeypress=null;
133     protected $ _jsonkeyup=null;
134     protected $ _jsonmousemove=null;
135     protected $ _jsonmousedown=null;
136     protected $ _jsonmouseup=null;
137     protected $ _jsonmouseenter=null;
138     protected $ _jsonmouseleave=null;
139     protected $ _jsonmouseout=null;
140     protected $ _jsonmouseover=null;
141
142     //=====
143     //not needed - instead when using AJAX redirect to another php page
144     //perhaps should have another file to reserve memory for multi-control's on same page
145     //or attempt to inherit a parent and use its methods to add elements
146
147     //if using the boot_FORM option then each control on the same page has its

```



```

148 //own form element
149
150 public $xKGraphicControl1 = null;
151
152 //input element items for the form element needs to access the following
153
154 public $KDFFileName1 = null;
155 public $KLoad1 = null;
156 public $KData1 = null;
157
158 //=====
159 //Document properties (public - property)
160 /**
161  * Enable for inital KGC script loading to take place in document header
162  * @return boolean
163  */
164 function getHeadScript() {return $this-> _HeadScript;}
165 function setHeadScript($value) {$this-> _HeadScript = $value;$this-> _BodyScript = !
$value;}
166 function defaultHeadScript() {return 'false';}
167
168 /**
169  * Enable for inital KGC script loading to take place in document body
170  * @return boolean
171  */
172 function getBodyScript() {return $this-> _BodyScript;}
173 function setBodyScript($value) {$this-> _BodyScript = $value;$this-> _HeadScript = !
$value;}
174 function defaultBodyScript() {return 'true';}
175
176 /**
177  * Enable for INI javascript Array support, and AJAX methods
178  * @return boolean
179  */
180 function getboot_ArrayIni() {return $this-> _boot_ArrayIni;}
181 function setboot_ArrayIni($value) {$this-> _boot_ArrayIni = $value;}
182 function defaultboot_ArrayIni() {return 'false';}
183
184 /**
185  * Enable for DHTML/Canvas javascript support, and Disabled if boot_Exploit is enabled.
186  * @return boolean
187  */
188 function getboot_DHTML() {return $this-> _boot_DHTML;}
189 function setboot_DHTML($value) {$this-> _boot_DHTML = $value;}
190 function defaultboot_DHTML() {return 'false';}
191
192 /**
193  * Enable for GZ javascript loading support
194  * @return boolean
195  */
196 function getboot_GZ() {return $this-> _boot_GZ;}
197 function setboot_GZ($value) {$this-> _boot_GZ = $value;}
198 function defaultboot_GZ() {return 'true';}
199
200 /**
201  * Enable for returning true to javascript errors
202  * @see get.gz
203  * @return boolean
204  */
205 function getNoErrors() {return $this-> _NoErrors;}
206 function setNoErrors($value) {$this-> _NoErrors = $value;}
207 function defaultNoErrors() {return 'true';}
208
209 /**
210  * Loadup Blank KPD Object
211  * @return boolean
212  */
213 function getboot_Blank() {return $this-> _boot_Blank;}
214 function setboot_Blank($value) {$this-> _boot_Blank = $value;}
215 function defaultboot_Blank() {return 'true';}
216
217 /**
218  * Enable for inital KGC script loading 1 script served up by CGI
219  * @return boolean
220  */
221 function getboot_CGI() {return $this-> _boot_CGI;}
222 function setboot_CGI($value) {$this-> _boot_CGI = $value;}
223 function defaultboot_CGI() {return 'false';}
224
225 /**

```

```

226 * URI of CGI script for loading KGC
227 * @see $this->_boot_CGI
228 * @return URI
229 */
230 function getboot_CGIURI() {return $this-> _boot_CGIURI;}
231 function setboot_CGIURI($value) {$this-> _boot_CGIURI = $value;}
232 function defaultboot_CGIURI() {
233     if(($this-> ControlState & csDesigning) == csDesigning)
234     {
235         return './rpcl/kitchenpages/i3/build/kitcadi3_boot.cgi';
236     }else{
237         return './rpcl-bin/kitchenpages/i3/build/kitcadi3_boot.cgi';
238     }
239 }
240
241 /**
242 * Enable kgc_exploit jscript, and Disables/Enables boot_DHTML when changed.
243 * @see this->boot_DHTML
244 * @return boolean
245 */
246 function getboot_Exploit() {return $this-> _boot_Exploit;}
247 function setboot_Exploit($value) {$this-> _boot_Exploit = $value; if($value == 'true' ||
$value == 'true' || $value == '1' ){ $this-> _boot_DHTML = 'false'; } }
248 function defaultboot_Exploit() {return 'true';}
249
250 /**
251 * Enable for inital KGC loading MSO and Ie CSS behavior support
252 * @return boolean
253 */
254 function getboot_IeCSS() {return $this-> _boot_IeCSS;}
255 function setboot_IeCSS($value) {$this-> _boot_IeCSS = $value;}
256 function defaultboot_IeCSS() {return 'true';}
257
258 /**
259 * Enable for KGC XHTML SVG element support
260 * @return boolean
261 */
262 function getboot_SVGElement() {return $this-> _boot_SVGElement;}
263 function setboot_SVGElement($value) {$this-> _boot_SVGElement = $value;}
264 function defaultboot_SVGElement() {return 'false';}
265
266 /**
267 * Enable for using RPCL 3 AJAX support (manually enable parent::IsForm)
268 * Any change to this value will disable RPCL 5 AJAX support
269 * @return boolean
270 */
271 function getboot_RPCL3AJAX() {return $this-> _boot_RPCL3AJAX;}
272 function setboot_RPCL3AJAX($value) {$this-> _boot_RPCL3AJAX = $value; if($value){ $this->
_boot_ArrayIni = $value; $this-> _boot_RPCL5AJAX = false; } }
273 function defaultboot_RPCL3AJAX() {return 'false';}
274
275 /**
276 * Amount of RPCL 3 AJAX Objects
277 * Any change to this value will be mirrored to RPCL 5 AJAX Objects
278 * @return boolean
279 */
280 function getboot_RPCL3AJAX_Objects() {return $this-> _boot_RPCL3AJAX_Objects;}
281 function setboot_RPCL3AJAX_Objects($value) {$this-> _boot_RPCL3AJAX_Objects = $value;
$this-> _boot_RPCL5AJAX_Objects = $value; }
282 function defaultboot_RPCL3AJAX_Objects() {return '1';}
283
284 /**
285 * Enable for using RPCL 5 AJAX support (manually enable parent::IsForm)
286 * Any change to this value will disable RPCL 3 AJAX support
287 * @return boolean
288 */
289 function getboot_RPCL5AJAX() {return $this-> _boot_RPCL5AJAX;}
290 function setboot_RPCL5AJAX($value) {$this-> _boot_RPCL5AJAX = $value; if($value){ $this->
_boot_ArrayIni = $value; $this-> _boot_RPCL3AJAX = false; } }
291 function defaultboot_RPCL5AJAX() {return 'false';}
292
293 /**
294 * Amount of RPCL 5 AJAX Objects
295 * Any change to this value will be mirrored to RPCL 3 AJAX Objects
296 * @return boolean
297 */
298 function getboot_RPCL5AJAX_Objects() {return $this-> _boot_RPCL5AJAX_Objects;}
299 function setboot_RPCL5AJAX_Objects($value) {$this-> _boot_RPCL5AJAX_Objects = $value;
$this-> _boot_RPCL3AJAX_Objects = $value; }
300 function defaultboot_RPCL5AJAX_Objects() {return '1';}

```

```

301
302  /**
303   * Enable for using new a Form element with each KGC control (manually disable parent::IsForm)
304   * @return boolean
305   */
306  function getboot_FORM() {return $this-> _boot_FORM;}
307  function setboot_FORM($value) {$this-> _boot_FORM = $value;}
308  function defaultboot_FORM() {return 'false';}
309
310  /**
311   * Enable for using XHTML Shorttags (enable only for XHTML pages)
312   * @return boolean
313   */
314  function getboot_XHTML() {return $this-> _boot_XHTML;}
315  function setboot_XHTML($value) {$this-> _boot_XHTML = $value; if($value){ $this-
> _boot_HTML32 = ! $value; /* if( $this->_boot_Exploit == 'true' || $this->_boot_Exploit ==
'true' || $this->_boot_Exploit == '1' ){ $donothing = $value; } else { $this->_boot_DHTML = !
$value; } */ } }
316  function defaultboot_XHTML() {return 'false';}
317
318  /**
319   * Enable for using old HTML32 (unsupported)
320   * @return boolean
321   */
322  function getboot_HTML32() {return $this-> _boot_HTML32;}
323  function setboot_HTML32($value) {$this-> _boot_HTML32 = $value; if($value){ $this-
> _boot_XHTML = ! $value; /* if( $this->_boot_Exploit == 'true' || $this->_boot_Exploit ==
'true' || $this->_boot_Exploit == '1' ){ $donothing = $value; } else { $this->_boot_DHTML = !
$value; } */ } }
324  function defaultboot_HTML32() {return 'false';}
325
326  /**
327   * Create the hidden Elements for KitCAD i3 KGC
328   * @return boolean
329   */
330  function getboot_FORMFOEI() {return $this-> _boot_FORMFOEI;}
331  function setboot_FORMFOEI($value) {$this-> _boot_FORMFOEI = $value;}
332  function defaultboot_FORMFOEI() {return 'false';}
333
334  //=====
335  //KGraphicControl properties (public - property)
336
337  /**
338   * Top (px)
339   * code value for this method is by partent $this->Top
340   */
341  // $FromTop = $this->Top;
342  function getFromTop() {return $this-> _FromTop;$this-> FromTop = $this-> Top;}
343  function setFromTop($value) {$this-> _FromTop = $value;$this-> Top = $value;}
344  function defaultFromTop() {return 0;}
345
346  /**
347   * Left (px)
348   * code value for this method is by parent $this->Left
349   */
350  // $FromLeft = $this->Left;
351  function getFromLeft() {return $this-> _FromLeft;$this-> FromLeft = $this-> Left;}
352  function setFromLeft($value) {$this-> _FromLeft = $value;$this-> Left = $value;}
353  function defaultFromLeft() {return 0;}
354
355  /**
356   * Rotation (rad)
357   */
358  function getDimRotation() {return $this-> _DimRotation;}
359  function setDimRotation($value) {$this-> _DimRotation = $value;}
360  function defaultDimRotation() {return 0;}
361
362  /**
363   * Depth (mm)
364   */
365  function getDimY() {return $this-> _DimY;}
366  function setDimY($value) {$this-> _DimY = $value;}
367  function defaultDimY() {return 1000;}
368
369  /**
370   * Width (mm)
371   */
372  function getDimX() {return $this-> _DimX;}
373  function setDimX($value) {$this-> _DimX = $value;}
374  function defaultDimX() {return 600;}

```

```

375
376 /**
377  * Height (mm)
378  */
379 function getDimHeight() {return $this-> _DimHeight;}
380 function setDimHeight($value) {$this-> _DimHeight = $value;}
381 function defaultDimHeight() {return 903;}
382
383 /**
384  * HeightFrom (mm)
385  */
386 function getDimHeightFrom() {return $this-> _DimHeightFrom;}
387 function setDimHeightFrom($value) {$this-> _DimHeightFrom = $value;}
388 function defaultDimHeightFrom() {return 0;}
389
390 /**
391  * view modes, 0 or 1 for 3D (reserved 2, 3)
392  */
393 function getState3D() {return $this-> _State3D;}
394 function setState3D($value) {$this-> _State3D = $value;}
395 function defaultState3D() {return 0;}
396
397 /**
398  * debug mode (false)
399  */
400 function getDebug() {return $this-> _Debug;}
401 function setDebug($value) {$this-> _Debug = $value;}
402 function defaultDebug() {return 'false';}
403
404 /**
405  * FileName of KPD
406  */
407 function getDFileName() {return $this-> _DFileName;}
408 function setDFileName($value) {$this-> _DFileName = $value;}
409 function defaultDFileName() {return '';}
410
411 /**
412  * Path or URL (get)
413  * If using boot_Exploit on localhost then leave blank
414  * @see boot_Exploit
415  */
416 function getURL_get() {return $this-> _URL_get;}
417 function setURL_get($value) {$this-> _URL_get = $value;}
418 function defaultURL_get() {return 'get.cgi?r=';}
419
420 /**
421  * Path or URL (got)
422  * If using boot_Exploit on localhost then leave blank
423  * @see boot_Exploit
424  */
425 function getURL_got() {return $this-> _URL_got;}
426 function setURL_got($value) {$this-> _URL_got = $value;}
427 function defaultURL_got() {return 'got.cgi?r=';}
428
429 /**
430  * Exploit Type (auto)
431  */
432 function getboot_Exploit_Mode() {return $this-> _boot_Exploit_Mode;}
433 function setboot_Exploit_Mode($value) {$this-> _boot_Exploit_Mode = $value;}
434 function defaultboot_Exploit_Mode() {return 'auto';}
435
436 /**
437  * Scale (30)
438  */
439 function getDimScale() {return $this-> _DimScale;}
440 function setDimScale($value) {$this-> _DimScale = $value;}
441 function defaultDimScale() {return 30;}
442
443 /**
444  * KPD Draw (true)
445  * @return boolean
446  */
447 function getDimDraw() {return $this-> _DimDraw;}
448 function setDimDraw($value) {$this-> _DimDraw = $value;}
449 function defaultDimDraw() {return 'true';}
450
451 /**
452  * Metric (true)
453  * @return boolean
454  */

```

```

455 function getMetric() {return $this-> _Metric;}
456 function setMetric($value) {$this-> _Metric = $value;}
457 function defaultMetric() {return 'true';}
458
459 /**
460  * Fixed (false)
461  * @return boolean
462  */
463 function getDimFixed() {return $this-> _DimFixed;}
464 function setDimFixed($value) {$this-> _DimFixed = $value;}
465 function defaultDimFixed() {return 'false';}
466
467
468 /**
469  * DxdTop (px)
470  */
471 function getDxdTop() {return $this-> _DxdTop;}
472 function setDxdTop($value) {$this-> _DxdTop = $value;}
473 function defaultDxdTop() {return 0;}
474
475 /**
476  * DxdLeft (px)
477  */
478 function getDxdLeft() {return $this-> _DxdLeft;}
479 function setDxdLeft($value) {$this-> _DxdLeft = $value;}
480 function defaultDxdLeft() {return 0;}
481
482 /**
483  * DComments
484  */
485 function getDComments() {return $this-> _DComments;}
486 function setDComments($value) {$this-> _DComments = $value;}
487 function defaultDComments() {return '';}
488
489 /**
490  * Shape (KRectangle)
491  */
492 function getShape() {return $this-> _Shape;}
493 function setShape($value) {$this-> _Shape = $value;}
494 function defaultShape() {return 'KRectangle';}
495
496 //=====
497 //RadPHP IDE (public - event - property)
498
499 /**
500  * OnShowHeader event
501  */
502 function getOnBeforeShowHeader() { return $this-> _onbeforeshowheader; }
503 function setOnBeforeShowHeader($value) { $this-> _onbeforeshowheader = $value; }
504 function defaultOnBeforeShowHeader() {return null;}
505
506 /**
507  * onaftershowfooter event
508  */
509 function getOnShowFooter() { return $this-> _onaftershowfooter; }
510 function setOnShowFooter($value) { $this-> _onaftershowfooter = $value; }
511 function defaultOnShowFooter() {return null;}
512
513 /**
514  * onShow event
515  */
516 function getOnShow() { return $this-> _onaftershow; }
517 function setOnShow($value) { $this-> _onaftershow = $value; }
518 function defaultOnShow() {return null;}
519
520 /**
521  * OnClick event
522  */
523 function getOnClick() { return $this-> _onclick; }
524 function setOnClick($value) { $this-> _onclick = $value; }
525 function defaultOnClick() {return null;}
526
527 /**
528  * OnMove event
529  */
530 function getOnMove() { return $this-> _onmove; }
531 function setOnMove($value) { $this-> _onmove = $value; }
532 function defaultOnMove() {return null;}
533
534 /**

```

```

535     * jsOnMove javascript
536     */
537     function getjsOnMove() { return $this-> __jsonmove; }
538     function setjsOnMove($value) { $this-> __jsonmove = $value; }
539     function defaultjsOnMove() {return null;}
540
541     /**
542     * jsOnClick javascript
543     */
544     function getjsOnClick() { return $this-> __jsonclick; }
545     function setjsOnClick($value) { $this-> __jsonclick = $value; }
546     function defaultjsOnClick() {return null;}
547
548     /**
549     * jsOnKeyDown javascript
550     */
551     function getjsOnKeyDown() { return $this-> __jsonkeydown; }
552     function setjsOnKeyDown($value) { $this-> __jsonkeydown = $value; }
553     function defaultjsOnKeyDown() {return null;}
554
555     /**
556     * jsOnKeyPress javascript
557     */
558     function getjsOnKeyPress() { return $this-> __jsonkeypress; }
559     function setjsOnKeyPress($value) { $this-> __jsonkeypress = $value; }
560     function defaultjsOnKeyPress() {return null;}
561
562     /**
563     * jsOnKeyUp javascript
564     */
565     function getjsOnKeyUp() { return $this-> __jsonkeyup; }
566     function setjsOnKeyUp($value) { $this-> __jsonkeyup = $value; }
567     function defaultjsOnKeyUp() {return null;}
568
569     /**
570     * jsOnMouseMove javascript
571     */
572     function getjsOnMouseMove() { return $this-> __jsonmousemove; }
573     function setjsOnMouseMove($value) { $this-> __jsonmousemove = $value; }
574     function defaultjsOnMouseMove() {return null;}
575
576     /**
577     * jsOnMouseDown javascript
578     */
579     function getjsOnMouseDown() { return $this-> __jsonmousedown; }
580     function setjsOnMouseDown($value) { $this-> __jsonmousedown = $value; }
581     function defaultjsOnMouseDown() {return null;}
582
583     /**
584     * jsOnMouseUp javascript
585     */
586     function getjsOnMouseUp() { return $this-> __jsonmouseup; }
587     function setjsOnMouseUp($value) { $this-> __jsonmouseup = $value; }
588     function defaultjsOnMouseUp() {return null;}
589
590     /**
591     * jsOnMouseEnter javascript
592     */
593     function getjsOnMouseEnter() { return $this-> __jsonmouseenter; }
594     function setjsOnMouseEnter($value) { $this-> __jsonmouseenter = $value; }
595     function defaultjsOnMouseEnter() {return null;}
596
597     /**
598     * OnMouseLeave javascript
599     */
600     function getjsOnMouseLeave() { return $this-> __jsonmouseleave; }
601     function setjsOnMouseLeave($value) { $this-> __jsonmouseleave = $value; }
602     function defaultjsOnMouseLeave() {return null;}
603
604     /**
605     * jsOnMouseOut javascript
606     */
607     function getjsOnMouseOut() { return $this-> __jsonmouseout; }
608     function setjsOnMouseOut($value) { $this-> __jsonmouseout = $value; }
609     function defaultjsOnMouseOut() {return null;}
610
611     /**
612     * jsOnMouseOver javascript
613     */
614     function getjsOnMouseOver() { return $this-> __jsonmouseover; }

```

```

615 function setjsOnMouseOver($value) { $this-> _jsonmouseover = $value; }
616 function defaultjsOnMouseOver() {return null;}
617
618 //=====
619 //BCB properties (public - property)
620
621 /**
622  * Hint
623  */
624 function getHint() {return $this-> _Hint;}
625 function setHint($value) {$this-> _Hint = $value;}
626 function defaultHint() {return '';}
627
628 /**
629  * ShowHint (false)
630  * @return boolean
631  */
632 function getShowHint() {return $this-> _ShowHint;}
633 function setShowHint($value) {$this-> _ShowHint = $value;}
634 function defaultShowHint() {return 'false';}
635
636 //=====
637 //Exploit properties (public - property)
638
639 /**
640  * Element Text
641  */
642 function getText() {return $this-> _Text;}
643 function setText($value) {$this-> _Text = $value;}
644 function defaultText() {return '';}
645
646 /**
647  * Element Link href
648  */
649 function gethref() {return $this-> _href;}
650 function sethref($value) {$this-> _href = $value;}
651 function defaulthref() {return 'javascript:void(0)';}
652
653 /**
654  * Element Anchor Text
655  */
656 function gethref_Text() {return $this-> _href_Text;}
657 function sethref_Text($value) {$this-> _href_Text = $value;}
658 function defaulthref_Text() {return '&#x2003;';}
659
660 //=====
661 //class constructor, methods, and events fire code
662
663 /**
664  * __construct function, internal
665  */
666 function __construct($owner = null)
667 {
668     //Calls inherited constructor
669     parent::__construct($owner);
670
671     // This components needs to be renreded with ie/Webkit on the HTML5 Builder Designer.
672     // if having rendering bugs then try uncommment one, or both of the following 2 lines
673     // $this->ControlStyle = "csRenderOwner=1";
674     // $this->ControlStyle = "csSlowRedraw=1";
675     $this-> ControlStyle = "csWebEngine=ie" ;
676
677 }
678
679 /**
680  * This is an internal method you don't need to call directly
681  *
682  * This method is called by the Ajax engine to get the code to update the
683  * component after an ajax call
684  *
685  * @see commonScript()
686  */
687 function dumpForAjax()
688 {
689     // echo " KGraphicControl.Loadall();\n";
690     // this->commonScript();
691 }
692
693 function dumpJavascript()
694 {

```

```

695     parent::dumpJavascript();
696
697     $def = $this-> Name . 'MoveHandler';
698     if (!defined($def) && ( $this-> _jsonmove != null))
699     {
700         define($def, 1);
701         echo "         function $def(e) {\n                ;
702             echo "             return $this-> _jsonmove();\n"        ;
703             echo " }\n\n"                ;
704     }
705 }
706
707 function dumpJsEvents()
708 {
709 //     parent::dumpJsEvents();
710
711     $this-> dumpJSEvent($this-> _jsonmove);
712     $this-> dumpJSEvent($this-> _jsonclick);
713     $this-> dumpJSEvent($this-> _jsonkeydown);
714     $this-> dumpJSEvent($this-> _jsonkeypress);
715     $this-> dumpJSEvent($this-> _jsonkeyup);
716     $this-> dumpJSEvent($this-> _jsonmousemove);
717     $this-> dumpJSEvent($this-> _jsonmousedown);
718     $this-> dumpJSEvent($this-> _jsonmouseup);
719     $this-> dumpJSEvent($this-> _jsonmouseenter);
720     $this-> dumpJSEvent($this-> _jsonmouseleave);
721     $this-> dumpJSEvent($this-> _jsonmouseout);
722     $this-> dumpJSEvent($this-> _jsonmouseover);
723 }
724
725 /**
726  * The dumpHeaderCode function, provides Header KGC script elements
727  */
728 function dumpHeaderCode()
729 {
730 //     parent::dumpHeaderCode();
731     if(($this-> ControlState & csDesigning) == csDesigning)
732     {
733         $thekpcpath = 'rpcl';
734     }else{
735         $thekpcpath = 'rpcl-bin';
736     }
737
738     if( !defined('KGRAPHICCONTROL'))
739     {
740
741         define('KGRAPHICCONTROL', '1');
742
743         if($this-> _boot_IeCSS === 'true' || $this-> _boot_IeCSS === '1')
744         {
745
746             // this should be BEFORE ANY JScript code, and the only way to set that is to re-write
747             form.inc.php in the same way as FB Apps are created
748             // or manually attach onto the on before header event
749
750             KGCinitIeCSS();
751
752             /**
753              * Fire any KGraphicControl OnShowHeader events
754              */
755             if ($this-> _onbeforeshowheader != null)
756             {
757                 $this-> callEvent('onbeforeshowheader',array());
758             }
759
760         }
761
762         KPinitJScript();
763
764         echo "\r\nvar cheeze = \"\"; "                ;
765
766         if($this-> _boot_CGI === 'true' || $this-> _boot_CGI === '1')           {echo
767         "var kgcbootcgi = "                . $this-> _boot_CGIURI . " "; }
768
769         // see boolToStr in rtl.inc.php for another method of javascript true or false
770         $thisnoerror = 'false';
771         if($this-> _NoErrors === 'true' || $this-> _NoErrors === '1')
772         {
773             $thisnoerror = 'true';
774         }
775     }

```



```

773
774     echo "var shownoerrors = function (e){ return "           . $thisnoerror . ";
}\r\n"      ;
775     echo "try{ window.onerror = shownoerrors; }catch(e){}"      ;
776
777     if($this->  _boot_ArrayIni === 'true' || $this->  _boot_ArrayIni === '1')
{echo "\r\nvar kp2kpd2 = new Object(); kp2kpd2.Items = new Array();"      ;}
778
779     if($this->  _boot_RPCL3XAJAX == 'true' || $this->  _boot_RPCL3XAJAX === 'true' || $this-
>  _boot_RPCL3XAJAX === '1')
780     {
781         echo " var KGCRPCLAJAX = "           . $this->  _boot_RPCL3XAJAX_Objects .
";"
782     }
783     if($this->  _boot_RPCL5XAJAX == 'true' || $this->  _boot_RPCL5XAJAX === 'true' || $this-
>  _boot_RPCL5XAJAX === '1')
784     {
785         echo " var KGCRPCLAJAX = "           . $this->  _boot_RPCL5XAJAX_Objects .
";"
786     }
787
788
789     echo " "           ;
790
791     KPinitJScripte();
792
793     echo " \r\n"           ;
794
795     if($this->  _HeadScript == 'true' || $this->  _HeadScript === 'true' || $this-
>  _HeadScript === '1')
796     {
797         define('KGRAPHICCONTROLHEAD', '1');
798
799         if($this->  _boot_GZ == 'true' || $this->  _boot_GZ === 'true' || $this->  _boot_GZ
=== '1')
800         {
801             if(($this->  ControlState &  csDesigning) == csDesigning)
802             {
803                 /* RadPHP 3.0 IDE does not support GZ compression as used by KGraphicControl.js */
804                 $donothing = true;
805             }
806             else
807             {
808                 KGCinitGZ($thekpcpath);
809             }
810         }
811
812         KGCinit($thekpcpath);
813
814         if($this->  _boot_DHTML == 'true' || $this->  _boot_DHTML === 'true' || $this-
>  _boot_DHTML === '1')
815         {
816             KGCinitDHTML();
817         }
818
819         if($this->  _boot_Exploit == 'true' || $this->  _boot_Exploit === 'true' || $this-
>  _boot_Exploit === '1')
820         {
821             KGCinitExploit();
822         }
823
824
825         if(($this->  ControlState &  csDesigning) == csDesigning)
826         {
827             /* RadPHP 3.0 XAJAX is designed for http and not file scheme */
828             $donothing = true;
829         }
830         else
831         {
832             if($this->  _boot_RPCL3XAJAX == 'true' || $this->  _boot_RPCL3XAJAX === 'true'
|| $this->  _boot_RPCL3XAJAX === '1')
833             {
834                 KGCinitRPCL3XAJAXExploit();
835             }
836
837             if($this->  _boot_RPCL5XAJAX == 'true' || $this->  _boot_RPCL5XAJAX === 'true'
|| $this->  _boot_RPCL5XAJAX === '1')
838             {
839                 KGCinitRPCL3XAJAXExploit();
840

```

```

841         }
842     }
843 }
844
845     if($this-> _State3D == 'true' || $this-> _State3D === 'true' || $this-> _State3D
=== '1')
846     {
847         if($this-> _boot_Blank == 'true' || $this-> _boot_Blank === 'true' || $this-
> _boot_Blank === '1')
848         {
849             $donothing = true;
850         }
851         else
852         {
853             KGCinit3D();
854         }
855     }
856
857     if($this-> _boot_Blank == 'true' || $this-> _boot_Blank === 'true' || $this-
> _boot_Blank === '1')
858     {
859         KGCinitBlank($this-> _DimRotation, $this-> _DimY, $this-> _DimX, $this-
> _DimHeight, $this-> _DimHeightFrom, $this-> FromTop, $this-> FromLeft, $this-> _State3D,
$this-> _DimScale, $this-> _DimDraw, $this-> _Metric, $this-> _Debug, $this-> _URL_get, $this-
> _DFileName);
860     }
861 }
862 }
863 }
864
865
866     if(($this-> ControlState & csDesigning) == csDesigning)
867     {
868         if (!defined('JSCANVAS'))
869         {
870
871             /* TODO: set some kind of transparency or return all graphics to the page,
not the control */
872
873             /* Reuse same system as RadPHP IDE uses to generate graphics */
874
875             KGCinitRadPHPide($thekpcpath);
876
877             /* ONLY define JSCANVAS for RadPHP IDE - not for consumer client
webrowsers */
878             define('JSCANVAS', 1);
879
880         }
881     }
882 }
883 }
884
885 /**
886  * The dumpContents funciton, creates all body script and document elements
887  */
888 function dumpContents()
889 {
890     parent::dumpContents();
891
892     //rpcl path default
893     if(($this-> ControlState & csDesigning) == csDesigning)
894     {
895         $thekpcpath = 'rpcl';
896     }else{
897         $thekpcpath = 'rpcl-bin';
898     }
899
900     //Input element - 4.01 Transitional default
901     $inputtagend = '>' ;
902
903
904     if( ! defined('KGRAPHICCONTROLHEAD'))
905     {
906
907         define('KGRAPHICCONTROLHEAD', '1');
908         if($this-> _BodyScript == 'true' || $this-> _BodyScript === 'true' || $this-
> _BodyScript === '1')
909         {
910
911             if($this-> _boot_GZ == 'true' || $this-> _boot_GZ === 'true' || $this-> _boot_GZ

```

```

=== '1')
912     {
913
914         if(($this-> ControlState & csDesigning) == csDesigning)
915         {
916             /* RadPHP 3.0 IDE does not support GZ compression as used by KGraphicControl.js */
917             $donothing = true;
918         }
919         else
920         {
921             KGCinitGZ($thekpcpath);
922         }
923     }
924
925     KGCinit($thekpcpath);
926
927     if($this-> _boot_DHTML == 'true' || $this-> _boot_DHTML === 'true' || $this->
> _boot_DHTML === '1')
928     {
929         KGCinitDHTML();
930     }
931
932     if($this-> _boot_Exploit == 'true' || $this-> _boot_Exploit === 'true' || $this->
> _boot_Exploit === '1')
933     {
934         KGCinitExploit();
935     }
936
937     if(($this-> ControlState & csDesigning) == csDesigning)
938     {
939         /* RadPHP 3.0 XAJAX is designed for http and not file scheme */
940         $donothing = true;
941     }
942     else
943     {
944
945         if($this-> _boot_RPCL3XAJAX == 'true' || $this-> _boot_RPCL3XAJAX === 'true'
|| $this-> _boot_RPCL3XAJAX === '1')
946         {
947             KGCinitRPCL3XAJAXExploit();
948         }
949
950         if($this-> _boot_RPCL5XAJAX == 'true' || $this-> _boot_RPCL5XAJAX === 'true'
|| $this-> _boot_RPCL5XAJAX === '1')
951         {
952             KGCinitRPCL5XAJAXExploit();
953         }
954     }
955
956     if($this-> _State3D == 'true' || $this-> _State3D === 'true' || $this-> _State3D
=== 1 || $this-> _State3D === '1')
957     {
958         if($this-> _boot_Blank == 'true' || $this-> _boot_Blank === 'true' || $this->
> _boot_Blank === '1')
959         {
960             $donothing = true;
961         }
962         else
963         {
964             KGCinit3D();
965         }
966     }
967
968     if($this-> _boot_Blank == 'true' || $this-> _boot_Blank === 'true' || $this->
> _boot_Blank === '1')
969     {
970         KGCinitBlank($this-> _DimRotation, $this-> _DimY, $this-> _DimX, $this->
> _DimHeight, $this-> _DimHeightFrom, $this-> _FromTop, $this-> _FromLeft, $this-> _State3D,
971 $this-> _DimScale, $this-> _DimDraw, $this-> _Metric, $this-> _Debug, $this-> _URL_get, $this->
> DFileName);
972     }
973
974 }
975 }
976
977 /**
978  * Fire any KGraphicControl OnBeforeShow events
979  */
980 if ($this-> _onbeforeshow != null)

```

```

981     {
982         $this-> callEvent('onbeforeshow', array());
983     }
984
985     /**
986      *set a global counter to number each instance of the control
987      */
988     global $kpccounter;
989     $kpccounter = $kpccounter + 1;
990     define($this-> Name . "          , $kpccounter);
991     putenv($this-> Name . "="          . $kpccounter);
992     //      assert(getenv($this->Name.') == $kpccounter.');
```

```

993
994
995     if($this-> boot_HTML32 == 'true' || $this-> boot_HTML32 === 'true' || $this-
> boot_HTML32 === '1')
996     {
997
998         $inputtagend = '></input>'          ;
999
1000     }
1001
1002     if($this-> boot_XHTML == 'true' || $this-> boot_XHTML === 'true' || $this-
> boot_XHTML === '1')
1003     {
1004
1005         $inputtagend = ' />'          ;
1006
1007     }
1008
1009     /**
1010      *Create the holding form Element for xKGraphicControl RPCL 3 XAJAX 2-5 (use RPCL 2-4
shipping version for smaller code)
1011      */
1012     if($this-> boot_RPCL3XAJAX == 'true' || $this-> boot_RPCL3XAJAX === 'true' || $this-
> boot_RPCL3XAJAX === '1')
1013     {
1014
1015         if($this-> boot_FORM == 'true' || $this-> boot_FORM === 'true' || $this-
> boot_FORM === '1')
1016         {
1017             //By default this isn't used. The XAJAX as enabled for RadPHP requires a single form
element.
1018             //kgc_rpcl3xajax.js is using JavaScript to on each KGraphicControl onClick event to
acquire known form element id attribute
1019             echo '<form method="post" id="xKGraphicControl'          . $kpccounter . "'
name="xKGraphicControl'          . $kpccounter . "' onsubmit="return false;"><input
type="hidden" name="serverevent" value=""          . $inputtagend;
1020
1021         }
1022
1023         echo '<input type="hidden" id="KLoad'          . $kpccounter . 'SubmitEvent"
name="KLoad'          . $kpccounter . 'SubmitEvent" value=""          . $inputtagend .'<input
type="hidden" name="KDFilename'          . $kpccounter . '_hidden" value=""          .
$inputtagend;
1024
1025     }
1026
1027     /**
1028      *Create the holding form Element for xKGraphicControl RPCL 5 XAJAX 0-5
1029      */
1030     if($this-> boot_RPCL5XAJAX == 'true' || $this-> boot_RPCL5XAJAX === 'true' || $this-
> boot_RPCL5XAJAX === '1')
1031     {
1032
1033         if($this-> boot_FORM == 'true' || $this-> boot_FORM === 'true' || $this-
> boot_FORM === '1')
1034         {
1035             //By default this isn't used. The XAJAX as enabled for HTML5 Builder requires a single
form element.
1036             //kgc_rpcl3xajax.js is using JavaScript to on each KGraphicControl onClick event to
acquire known form element id attribute
1037             echo '<form method="post" id="xKGraphicControl'          . $kpccounter . "'
name="xKGraphicControl'          . $kpccounter . "' onsubmit="return false;"><input
type="hidden" name="serverevent" value=""          . $inputtagend;
1038
1039         }
1040
1041         echo '<input type="hidden" id="KLoad'          . $kpccounter . 'SubmitEvent"
name="KLoad'          . $kpccounter . 'SubmitEvent" value=""          . $inputtagend .'<input

```

```

type="hidden" name="KDFFileName' . $kpccounter . '_hidden' value=""
$inpttagend;
1042
1043 }
1044
1045 /**
1046 *Create the holding Elements for KGraphicControl
1047 */
1048 echo "<div id=\"KGraphicControl\" . $kpccounter . \"\"
name=\"KGraphicControl\" . $kpccounter . \"\"></div>" ;
1049
1050 if($this-> _boot_SVGElement == 'true' || $this-> _boot_SVGElement === 'true' || $this-
> _boot_SVGElement === '1')
1051 {
1052
1053 echo "<svg:svg version=\"1.1\"
xmlns:svg=\"http://www.w3.org/2000/svg\" xmlns:xlink=\"http://www.w3.org/1999/xlink\"
xmlns:ev=\"http://www.w3.org/2001/xml-events\" id=\"sAKGraphicControl\" . $kpccounter
. \"\" style=\"position:absolute;top:0px;left:0px;\"></svg:svg>" ;
1054
1055 }
1056
1057
1058 /**
1059 *Create the holding Elements for KGraphicControl RPCL 3 XAJAX 2-5 (use RPCL 2-4 shipping
version for smaller code)
1060 */
1061 if($this-> _boot_RPCL3XAJAX == 'true' || $this-> _boot_RPCL3XAJAX === 'true' || $this-
> _boot_RPCL3XAJAX === '1' ||
1062 $this-> _boot_RPCL5XAJAX == 'true' || $this-> _boot_RPCL5XAJAX === 'true' || $this-
> _boot_RPCL5XAJAX === '1' )
1063 {
1064
1065 echo '
1066 <div id="codeKGraphicControl' . $kpccounter . '" style="display:none;">
1067 <div id="KDFFileName' . $kpccounter . '_outer">
1068 <input type="text" id="KDFFileName' . $kpccounter . '" onchange="return
KDFFileName' . $kpccounter . '_update'hidden(event)" name="KDFFileName' . $kpccounter . '"
value=""' . $inpttagend . '
1069 </div>
1070 <div id="KLoad' . $kpccounter . '_outer">
1071 <input type="submit" id="KLoad' . $kpccounter . '" name="KLoad'
$kpccounter . '" value="Update" onclick="return KLoad' . $kpccounter .
'ClickWrapper(event, findObj(' . $kpccounter . 'KLoad' . $kpccounter . 'SubmitEvent' . $kpccounter . '),
' . $kpccounter . 'KLoad' . $kpccounter . '_KLoad' . $kpccounter . 'Click' . $kpccounter . 'KLoad' .
$kpccounter . 'JSClick)"' . $inpttagend . '
1072 </div>
1073 <div id="KData' . $kpccounter . '_outer">
1074 <textarea id="KData' . $kpccounter . '" name="KData' . $kpccounter . '"
onchange="return KData' . $kpccounter . 'JSChange(event)"
wrap="off"></textarea>
1075 </div>' ;
1076
1077
1078 /**
1079 *Create the hidden Elements for KitCAD i3 KGC
1080 */
1081 if($this-> _boot_FORMFOEI == 'true' || $this-> _boot_FORMFOEI === 'true' || $this-
> _boot_FORMFOEI === '1')
1082 {
1083 echo '<input type="hidden" name="kname" value=""'
1084 $inpttagend . '<input type="hidden" name="kTop" value=""'
1085 $inpttagend . '<input type="hidden" name="kLeft" value=""'
1086 $inpttagend . '<input type="hidden" name="kFile" value=""'
1087 $inpttagend . '<input type="hidden" name="kRotation" value=""'
1088 $inpttagend . '<input type="hidden" name="kWidth" value=""'
1089 $inpttagend . '<input type="hidden" name="kDepth" value=""'
1090 $inpttagend . '<input type="hidden" name="kHeight" value=""'
1091 $inpttagend . '<input type="hidden" name="kHeightFrom" value=""'
.
1092 $inpttagend . '<input type="hidden" name="kRepeats" value=""'
1093 $inpttagend . '<input type="hidden" name="xdLeft" value=""'
1094 $inpttagend . '<input type="hidden" name="xdTop" value=""'
1095 $inpttagend;
1096 }
1097
1098
1099 //close the opened element of div.codeKGraphicControl
1100 echo '
1101 </div>

```

```

1102 ';
1103
1104 if($this-> _boot_FORM == 'true' || $this-> _boot_FORM === 'true' || $this-
> _boot_FORM === '1')
1105 {
1106
1107     //using JavaScript to aquire form element name from XAJAX onclick events
1108     echo '</form>' ;
1109
1110 }
1111
1112 }
1113
1114
1115 //Using CANVAS drawings within the RadPHP IDE, this echos script into RadPHP for JSCANVAS to
draw KGraphicControl output
1116
1117 if(($this-> ControlState & csDesigning) == csDesigning)
1118 {
1119     if (!defined('KGCJSCANVAS'))
1120     {
1121         /* Reuse same system as RadPHP IDE uses to generate graphics */
1122
1123         //Delphi4PHP RADPHP (current default DHTML)
1124         echo "<div id=\"cAKGraphicControl\" . $kpccounter . \"\"
width=\"250\" height=\"250\"
style=\"position:absolute;top:0px;left:0px;\"></div>" ;
1125
1126         //HTML5Builder (uses CANVAS)
1127         // echo "<canvas id=\"cAKGraphicControl\" . $kpccounter . \"\"
width=\"250\" height=\"250\"
style=\"position:absolute;top:0px;left:0px;\">Your web browser does not support the HTML5
canvas element.</canvas>";
1128
1129         dumpKGCRadPHPideCode();
1130
1131         define('KGCJSCANVAS', 1);
1132     }
1133 }
1134
1135
1136 /**
1137  * Fire any KGraphicControl OnShow events
1138  */
1139 if ($this-> _onshow != null)
1140 {
1141     $this-> callEvent('onshow', array());
1142 }
1143
1144 if($this-> _boot_RPCL3XAJAX == 'true' || $this-> _boot_RPCL3XAJAX === 'true' || $this-
> _boot_RPCL3XAJAX === '1' ||
1145 $this-> _boot_RPCL5XAJAX == 'true' || $this-> _boot_RPCL5XAJAX === 'true' || $this-
> _boot_RPCL5XAJAX === '1' )
1146 {
1147     $donothing = true;
1148 }
1149
1150 else
1151 {
1152
1153
1154     if($this-> _boot_Exploit == 'true' || $this-> _boot_Exploit === 'true' || $this-
> _boot_Exploit === '1')
1155     {
1156
1157         global $kpccounter;
1158
1159         dumpKGCExploitCode( $kpccounter, $this-> _FromTop, $this-> _FromLeft, $this-
> _DimRotation, $this-> _DimY, $this-> _DimX, $this-> _DimHeight, $this-> _DimHeightFrom, $this-
> _State3D, $this-> _Debug, $this-> _URL_get, $this-> _DFileName, $this-> _boot_Exploit_Mode);
1160
1161     }
1162     else
1163     {
1164
1165         global $kpccounter;
1166
1167         dumpKGCjsCode( $kpccounter, $this-> _FromTop, $this-> _FromLeft, $this-
> _DimRotation, $this-> _DimY, $this-> _DimX, $this-> _DimHeight, $this-> _DimHeightFrom, $this-
> _State3D, $this-> _DimScale, $this-> _DimDraw, $this-> _Metric, $this-> _Debug, $this-

```

```
> __URL_get, $this-> __DFileName );
1168
1169     }
1170
1171     }
1172     /**
1173     * Fire any KGraphicControl OnAfterShow events
1174     */
1175     if ($this-> __onaftershow != null)
1176     {
1177         $this-> callEvent('onaftershow', array());
1178         $this-> callEvent('onaftershowfooter',array());
1179     }
1180 }
1181
1182 }
1183 //-----
1184
1185 ?>
```

File Source for kgraphiccontrol.lib.php

Documentation for this file is available at [kgraphiccontrol.lib.php](http://www.kitchenpages.com/library/i3/kgraphiccontrol.lib.php)

```
1 <?php
2 /**
3  * Support PHP library for KGraphicControl.js
4  * See License, Copyright and more informaiton at
5  * @link http://www.kitchenpages.com/library/i3/
6  * @version 1.0.0.8
7  * 1.0.0.7 - Updated to RPCL 5.0
8  */
9
10 /**
11  *define global values to be used between instances of KGraphicControl for communications
12  */
13 global $kpccounter;
14
15 //-----
16 function KPinitCDATA()
17 {
18     echo '/*<![CDATA[*' . ' / ' ;
19 }
20 //-----
21 function KPinitCDATAe()
22 {
23     echo '/*]]>*' . ' / ' ;
24 }
25 //-----
26 function KPinitJScript()
27 {
28     echo '<script type="text/javascript">' . ' ;
29     KPinitCDATA();
30 }
31 //-----
32 function KPinitJScripte()
33 {
34     KPinitCDATAe();
35     echo '</script>' . ' ;
36 }
37 //-----
38 function KGCinitGz($filepath)
39 {
40     $filepath = str_replace("\\", '/', $filepath);
41     if($filepath === "rpcl" ) { $filepath = 'rpcl/'; }
42     if($filepath === "rpcl-bin" ) { $filepath = 'rpcl-bin/'; }
43     echo '<script type="text/javascript" src="' . $filepath .
'kitchenpages/i3/compact/getz.js.gz"></script>' . ' ;
44 }
45 //-----
46 function KGCinit3D()
47 {
48     KPinitJScript();
49     echo '
50     try{ document.writeln("<scr" + "ipt id=\"designtime3d\"
src=\"" + oxpccg + "KGraphicControl_3d_cpp.js" + cheezebait +
"\"></s" + "cript>"); }catch(error){try{
dom_bootstrap("script", "text/javascript", "designtime3d", oxpccg +
"KGraphicControl_3d_cpp.js" + cheezebait); document.body.appendChild( dom_bootstrapin
);}catch(error){}}
51     ' ;
52     KPinitJScripte();
53 }
54 //-----
55 function KGCinit($filepath)
56 {
57     $filepath = str_replace("\\", '/', $filepath);
58     $filepath = str_replace("/", "\\", $filepath);
59     if($filepath === "rpcl" ) { $filepath = 'rpcl/'; }
60     if($filepath === "rpcl-bin" ) { $filepath = 'rpcl-bin/'; }
61     KPinitJScript();
```



```

62     echo '
63     var kgcbase = "\/getz.js.gz"; var kgcdhtml = "\/jsdhtml32\/wz_jsgraphics.js";
var kgcbase =
"\/TObject\/TPersistent\/TComponent\/TControl\/TGraphicControl\/KGraphicControl.js"; var
kgccomp = "\/compact"; var kgcrel = "
        . $filepath . 'kitchenpages\/i3"; var
cheezebait = ""; if(cheeze!=""){ cheezebait=".gz";
kgccomp="\/compact"; }
64     var kgloaduri = kgcrel + kgccomp + kgcbase + cheezebait; var kgloadgz = kgcrel + kgccomp +
kgcbase; try{ document.writeln("<scr" + "ipt type=\"text\/javascript\"
src=\"" + kgloaduri + "\"><\scr" + "ipt>"); }catch(e){ var
dom_bootscripstin = document.createElement("script");
dom_bootscripstin.setAttribute("id", "kgc");
dom_bootscripstin.setAttribute("type", "text\/javascript");
dom_bootscripstin.setAttribute("src", kgloaduri); document.body.appendChild( dom_bootscripstin
); }
65     '
66     KPinitJScripte();
67     }
68     //-----
69     function KGCinitDHTML()
70     {
71         echo ' <!-- required space -->'           ;
72         KPinitJScripte();
73         echo ' /* opera using dhtml or canvas */
74         var acanvas = true; function osdhtmltest(){ var browserName = navigator.appName.toLowerCase(); var
useragents = navigator.userAgent.toLowerCase(); var browserkind=' . "" . "'0' . ""
';
75         if (useragents.indexOf("gecko\/2006") != -1 || useragents.indexOf("firefox") !=
-1 ) { browserkind=' . "" . "'1' . "" . "'"; }
76         if (browserName.indexOf(' . "" . "'chrome/' . "" . "'') != -1 ||
useragents.indexOf(' . "" . "'chrome/' . "" . "'') != -1 ) { browserkind=' .
"" . "'1' . "" . "'"; }
77         if (browserName.indexOf(' . "" . "'safari/' . "" . "'') != -1 ||
useragents.indexOf(' . "" . "'safari/' . "" . "'') != -1 ) { browserkind=' .
"" . "'1' . "" . "'"; }
78         if (useragents.indexOf("msie") != -1 || browserName.indexOf("microsoft") != -1
) { browserkind=' . "" . "'1' . "" . "'"; }
79         if (browserName == "opera" || useragents.indexOf("opera") != -1 ||
browserkind==" . "" . "'0' . "" . "'') { if (browserName != "opera" ||
useragents.indexOf("opera") == -1 ){ acanvas = false; }
80         try{var dtx7 = "<sc" + "ript type=\"text\/javascript\"
src=\"" + kgcrel + kgccomp + kgcdhtml + cheezebait + "\"><\s" +
"cript>"; document.writeln(dtx7); }catch(error){ var dom_bootscripstin =
document.createElement("script"); dom_bootscripstin.setAttribute("id",
"dhtml"); dom_bootscripstin.setAttribute("type", "text\/javascript");
dom_bootscripstin.setAttribute("src", kgcrel + kgccomp + kgcdhtml + cheezebait);
document.body.appendChild( dom_bootscripstin ); } } }
81         osdhtmltest(); /* opera dhtml test */
82         '
83         KPinitJScripte();
84         }
85         //-----
86         function KGCinitIeCSS()
87         {
88             echo ' <!--[if !mso]><style type="text\/css" media="all">
89             v\:*           { behavior: url(#default#VML) }
90             o\:*           { behavior: url(#default#VML) }
91             .shape         { behavior: url(#default#VML) }
92             <\style><![endif]-->
93             <!--[if gte IE 8]><?import namespace="v" implementation="#default#VML"
?><style type="text\/css" media="all"> v\:shape { behavior:
url(#default#VML); display: inline-block; } v\:polyline { behavior: url(#default#VML); display: inline-
block; } v\:line { behavior: url(#default#VML); display: inline-block; } v\:group { behavior:
url(#default#VML); display: inline-block; } <\style><![endif]-->
94             '
95             KPinitJScripte();
96             echo 'var isIE8 = false; function ie8standards(){ if(isIE8){ var isNext = true; var isCount = 0;
do{ if(document.getElementById(' . "" . "'KGraphicControl' . "" . "'') +
isCount)(document.getElementById(' . "" . "'KGraphicControl' . "" . "'') +
isCount).style.top = ' . "" . "'0px' . "" . "''; document.getElementById(' .
"" . "'KGraphicControl' . "" . "'') + isCount).style.left = ' . "" . "'0px' .
"" . "''; isCount = isCount + 1; }else{ isNext = false; } }while(isNext); } } ';
97             KPinitJScripte();
98             echo ' <!--[if gte IE 8]>'           ;
99             KPinitJScripte();
100            echo 'isIE8 = true; ';
101            KPinitJScripte();
102            echo ' <![endif]-->
103            '
104            }

```

```

105 //-----
106 function KGCinitExploit()
107 {
108     KPinitJScript();
109     echo '
110     try{ document.writeln("<scr" + "ipt type=\"text\\javascript\"
src=\"" + kgcrel + kgccomp + "\\kgc_exploit.js" + cheezebait +
111     "\></scr" + "ipt>"); }catch(e){ var dom_bootscripstin =
document.createElement("script"); dom_bootscripstin.setAttribute("id",
"kgcexploit"); dom_bootscripstin.setAttribute("type", "text\\javascript");
dom_bootscripstin.setAttribute("src", kgcrel + kgccomp + "\\kgc_exploit.js" +
cheezebait); document.body.appendChild( dom_bootscripstin ); }
112     '
113     KPinitJScripte();
114 }
115 //-----
116 function KGCinitBlank($DimRotation = 0, $DimY = 600, $DimX = 1000, $DimHeight = 903, $DimHeightFrom
= 0, $FromTop = 0, $FromLeft = 0, $State3D = 0, $DimScale = 30, $DimDraw = 'true', $Metric = 'true',
$Debug = 'false', $DFilename = '', $URL_get = '')
117 {
118     echo '<!-- required space -->' ;
119     KPinitJScript();
120     KGCinitBlankCode($DimRotation, $DimY, $DimX, $DimHeight, $DimHeightFrom, $FromTop, $FromLeft,
$State3D, $DimScale, $DimDraw, $Metric, $Debug, $URL_get, $DFilename);
121     KPinitJScripte();
122 }
123 //-----
124 function KGCinitBlankCode($DimRotation = 0, $DimY = 600, $DimX = 1000, $DimHeight = 903,
$DimHeightFrom = 0, $FromTop = 0, $FromLeft = 0, $State3D = 0, $DimScale = 30, $DimDraw = 'true', $Metric
= 'true', $Debug = 'false', $URL_get = '', $DFilename = '')
125 {
126     $thisdebug = '0';
127     if($Debug == 'true' || $Debug === '1')
128     {
129         $thisdebug = '1';
130     }
131     echo 'KGraphicControl.DimRotation(' .
$DimRotation . '); KGraphicControl.DimY(' .
132     $DimY . '); KGraphicControl.DimX(' .
$DimX . '); KGraphicControl.DimHeight(' .
133     $DimHeight . '); KGraphicControl.DimHeightFrom(' .
$DimHeightFrom . '); KGraphicControl.FromTop(' .
134     $FromTop . '); KGraphicControl.FromLeft(' .
$FromLeft . '); KGraphicControl.State3D(' .
135     $State3D . '); KGraphicControl.DimScale(' .
$DimScale . '); KGraphicControl.DimDraw(' .
136     $DimDraw . '); KGraphicControl.DimMetric(' .
$Metric . '); KGraphicControl.Debug(' .
137     $thisdebug . '); '
138 }
139 //-----
140 /**
141  * dumpKGCExploitCode function
142  * used to generate code from kgc_exploit js
143  */
144 function dumpKGCExploitCode( $akpccounter = 0, $FromTop = 0, $FromLeft = 0, $DimRotation = 0,
$DimY = 600, $DimX = 1000, $DimHeight = 903, $DimHeightFrom = 0, $State3D = 0, $Debug = 'false', $URL_get
= '', $DFilename = '', $boot_Exploit_Mode = 'auto')
145 {
146     $thisdebug = '0';
147     if($Debug == 'true' || $Debug === '1')
148     {
149         $thisdebug = '1';
150     }
151     KPinitJScript();
152     echo 'kgc_exploit_load( ' .
153     $akpccounter . ', ' .
$FromTop . ', ' .
154     $FromLeft . ', ' .
$DimRotation . ', ' .
155     $DimY . ', ' .
$DimX . ', ' .
156     $DimHeight . ', ' .
$DimHeightFrom . ', ' .
157     $State3D . ', ' .
$thisdebug . ', ' .
158     $URL_get .
$DFilename . ', document.getElementById( "KGraphicControl"
159     $akpccounter . ')', '

```

```

172     $boot_Exploit_Mode . " " ); " ;
173     KPinitJScripte();
174 }
175 //-----
176 /**
177  * KGCinitRadPHPide function to init wz_jsgraphics js for RadPHP designtime
178  */
179 function KGCinitRadPHPide($filepath)
180 {
181     $filepath = str_replace("\\", '/', $filepath);
182     if($filepath == "rpcl" ) { $filepath = 'rpcl/'; }
183     if($filepath == "rpcl-bin" ) { $filepath = 'rpcl-bin/'; }
184     // The following version is bundled with RadPHP 3.0
185     // echo '<script type="text/javascript" src="' . $filepath .
186     // 'walterzorn/wz_jsgraphics.js"></script>';
187     echo '<script type="text/javascript" src="' . $filepath .
188     'kitchenpages/i3/jsdhtml32/2008_wz_jsgraphics.js"></script>' ;
189 }
190 //-----
191 function dumpKGCradPHPideCode()
192 {
193     // The jscript code below contains fix303 which is used by KGC and IE to use DIV elements instead
194     // of CANVAS
195     // fix303 is remarked because the RadPHP supports the CANVAS element use
196     // Note that the RadPHP instance uses Canvas.vml10 which is also updated to use the CANVAS element
197     // (not IE VML)
198     KPinitJScripte();
199     echo '///-#-#-#-#-# Modified code below for KitCADi3 Canvas.render() function
200     var wz_jsgraphicsjs = true;
201     try{if(!Canvas){var Canvas = new Object();}}catch(error){}
202     Canvas.render = function ()
203     {
204         var fix303 = "<scr" + "ipt>
205         document.getElementById('.'" . 'cAKGraphicControl" + ID +
206         ".'" . ').outerHTML = document.getElementById('.'" . 'cAKGraphicControl" +
207         ID + ".'" . ').outerHTML.replace(/canvas/g,.'" . 'div'.'" . ');
208         </scr" + "ipt>";
209         var mxc = "<scr" + "ipt> xcanvas = new jsGraphics(" + Canvas.dgcan +
210         "document.getElementById('.'" . 'cAKGraphicControl" + ID +
211         ".'" . ');" +
212         " var x1, x2, y1, y2; " +
213         " xcanvas.height = " + Height + "; " +
214         " xcanvas.width = " + Width + "; " ;
215         var mca = " ";
216         var mxx = " </scr" + "ipt>"; // + fix303;
217         Canvas.Ktype = "render";
218         Canvas.Header_def = "";
219         Canvas.Groups_def = mxc;
220         Canvas.Draws_def = mca;
221         OBColor = -1;
222         Canvas.Drawe_def = " ";
223         Canvas.Path_def = "); y1=Math.floor(";
224         Canvas.LineTo_def = " x1=Math.floor(";
225         Canvas.LineTo_def_ = "); xcanvas.drawLine(x2,y2,x1,y1); xcanvas.paint(); x2=x1; y2=y1;";
226         Canvas.MoveTo_def = " xcanvas.setColor(\""+ Canvas.Pen.GetColor() +"\");
227         x1=Math.floor(";
228         Canvas.MoveTo_def_ = "); x2=x1; y2=y1;";
229         Canvas.ArcTo_def = " x1=Math.floor(";
230         Canvas.ArcTo_def_ = "); xcanvas.drawArc(x2,y2,x1,y1); xcanvas.paint(); x2=x1; y2=y1;";
231         Canvas.Groupe_def = mxx;
232         Canvas.Footer_def = "";
233     }
234     // -#-#-#-#-# Original code below
235
236     //override for RadPHP IDE
237     Canvas.vml10 = Canvas.render;
238     ' ;
239     KPinitJScripte();
240 }
241 //-----
242 /**
243  * dumpKGCjsCode function
244  * used to write IE and DHTML based KGraphicControl to page (untested, may need var Top and var
245  * Left)
246  */
247 function dumpKGCjsCode( $akpccounter = 0, $FromTop = 0, $FromLeft = 0, $DimRotation = 0, $DimY =
248 600, $DimX = 1000, $DimHeight = 903, $DimHeightFrom = 0, $State3D = 0, $DimScale = 30, $DimDraw = 'true',
249 $Metric = 'false', $Debug = 'false', $URL_get = '', $DFilename = '', $boot_Exploit_Mode = 'auto')
250 {

```

```

238     KPinitJScript\(\);
239     KGCinitBlankCode($DimRotation, $DimY, $DimX, $DimHeight, $DimHeightFrom, $FromTop, $FromLeft,
$State3D, $DimScale, $DimDraw, $Metric, $Debug, $DFilename, $URL_get);
240     echo 'ID = ' .
241     $akpccounter . ' ' . "KGraphicControl.DFileName(' "
242     $URL_get .
243     $DFilename . "')"; KGraphicControl.Loadall(); "
244     // See code: using VML to render initial interface, this will overload RPCL if its enabled allowing
the interface to show in IE
245     //may need the following lines, if rendering in top corner un-comment the following lines
246     //echo 'var Top = ' . $FromTop . ' ';';
247     //echo 'var Left = ' . $FromLeft . ' ';';
248     echo 'var vml_def = "';
249     var vml_def_ = "";
250     Canvas.Kdata = "";
251     Canvas.vml10();
252     Canvas.boot();
253     document_message(vml_def);
254     KGraphicControl.Loadall();
255     document_message(vml_def_);
256     if(KGraphicControl.Debug()){alert(Canvas.Kdata)};
257     document.write(Canvas.Kdata); '
258     //uncomment the following line to see IE window - VML or DHTML support is enabled or disabled
259     //echo 'var newd = window.open(); newd.document.writeln("xyz: " +
document.body.innerHTML); '
260     KPinitJScripte\(\);
261 }
262 //-----
263 /**
264  * KGCinitRPCL3XAJAXExploit function
265  * used to init KGraphicControl support script for RPCL 3.0 XAJAX
266  */
267 function KGCinitRPCL3XAJAXExploit\(\)
268 {
269     KPinitJScript\(\);
270     echo '
271     try{ document.writeln("<scr" + "ipt type=\"text\\javascript\"
src=\"\" + kgcrel + kgccomp + "\\kgc_rpc13xajaxjson.js" + cheezebait +
"\"></scr" + "ipt>"); }catch(e){ var dom_bootscripstin =
document.createElement("script"); dom_bootscripstin.setAttribute("id",
"kgcexploitrpc1xajax"); dom_bootscripstin.setAttribute("type",
"text\\javascript"); dom_bootscripstin.setAttribute("src", kgcrel + kgccomp +
"\\kgc_rpc13xajaxjson.js" + cheezebait); document.body.appendChild( dom_bootscripstin ); }
272     '
273     KPinitJScripte\(\);
274 }
275 //-----
276 /**
277  * KGCinitRPCL5XAJAXExploit function
278  * used to init KGraphicControl support script for RPCL 5.0 XAJAX
279  */
280 function KGCinitRPCL5XAJAXExploit\(\)
281 {
282     KPinitJScript\(\);
283     echo '
284     try{ document.writeln("<scr" + "ipt type=\"text\\javascript\"
src=\"\" + kgcrel + kgccomp + "\\kgc_rpc15xajaxjson.js" + cheezebait +
"\"></scr" + "ipt>"); }catch(e){ var dom_bootscripstin =
document.createElement("script"); dom_bootscripstin.setAttribute("id",
"kgcexploitrpc1xajax"); dom_bootscripstin.setAttribute("type",
"text\\javascript"); dom_bootscripstin.setAttribute("src", kgcrel + kgccomp +
"\\kgc_rpc15xajaxjson.js" + cheezebait); document.body.appendChild( dom_bootscripstin ); }
285     '
286     KPinitJScripte\(\);
287 }
288 //-----
289
290 ?>

```

Index

B

build_gz.php	45
<i>Source code</i>	
build_gz.php	2

C

constructor KGraphicControl::construct()	23
<i>__construct function, internal</i>	
compress()	2

D

dumpKGCRadPHPideCode()	6
dumpKGCjsCode()	5
<i>dumpKGCjsCode function</i>	
dumpKGCExploitCode()	4
<i>dumpKGCExploitCode function</i>	

K

KGraphicControl::getHint()	28
<i>Hint</i>	
KGraphicControl::getHeadScript()	28
<i>Enable for inital KGC script loading to take place in document header</i>	
KGraphicControl::getFromTop()	28
<i>Top (px)</i>	
KGraphicControl::gethref()	28
<i>Element Link href</i>	
KGraphicControl::gethref_Text()	28
<i>Element Anchor Text</i>	
KGraphicControl::getjsOnKeyDown()	28
<i>jsOnKeyDown javascript</i>	
KGraphicControl::getjsOnClick()	28
<i>jsOnClick javascript</i>	
KGraphicControl::getFromLeft()	28
<i>Left (px)</i>	
KGraphicControl::getDxdTop()	27
<i>DxdTop (px)</i>	
KGraphicControl::getDimRotation()	27
<i>Rotation (rad)</i>	
KGraphicControl::getDimHeightFrom()	27

<i>HeightFrom (mm)</i>	
KGraphicControl::getDimHeight()	27
<i>Height (mm)</i>	
KGraphicControl::getDimScale()	27
<i>Scale (30)</i>	
KGraphicControl::getDimX()	27
<i>Width (mm)</i>	
KGraphicControl::getDxdLeft()	27
<i>DxdLeft (px)</i>	
KGraphicControl::getDimY()	27
<i>Depth (mm)</i>	
KGraphicControl::getjsOnKeyPress()	28
<i>jsOnKeyPress javascript</i>	
KGraphicControl::getjsOnKeyUp()	28
<i>jsOnKeyUp javascript</i>	
KGraphicControl::getOnClick()	29
<i>OnClick event</i>	
KGraphicControl::getOnBeforeShowHeader()	29
<i>OnShowHeader event</i>	
KGraphicControl::getNoErrors()	29
<i>Enable for returning true to javascript errors</i>	
KGraphicControl::getOnMove()	29
<i>OnMove event</i>	
KGraphicControl::getOnShow()	30
<i>onShow event</i>	
KGraphicControl::getShape()	30
<i>Shape (KRectangle)</i>	
KGraphicControl::getOnShowFooter()	30
<i>onaftershowfooter event</i>	
KGraphicControl::getMetric()	29
<i>Metric (true)</i>	
KGraphicControl::getjsOnMove()	29
<i>jsOnMove javascript</i>	
KGraphicControl::getjsOnMouseLeave()	29
<i>OnMouseLeave javascript</i>	
KGraphicControl::getjsOnMouseEnter()	28
<i>jsOnMouseEnter javascript</i>	
KGraphicControl::getjsOnMouseDown()	28
<i>jsOnMouseDown javascript</i>	
KGraphicControl::getjsOnMouseMove()	29
<i>jsOnMouseMove javascript</i>	
KGraphicControl::getjsOnMouseOut()	29
<i>jsOnMouseOut javascript</i>	
KGraphicControl::getjsOnMouseUp()	29
<i>jsOnMouseUp javascript</i>	
KGraphicControl::getjsOnMouseOver()	29
<i>jsOnMouseOver javascript</i>	
KGraphicControl::getDimFixed()	27
<i>Fixed (false)</i>	
KGraphicControl::getDimDraw()	27
<i>KPD Draw (true)</i>	
KGraphicControl::getBodyScript()	25
<i>Enable for initial KGC script loading to take place in document body</i>	

KGraphicControl::dumpJsEvents()	25
KGraphicControl::dumpJavascript()	25
KGraphicControl::getboot_ArrayIni()	25
<i>Enable for INI javascript Array support, and AJAX methods</i>	
KGraphicControl::getboot_Blank()	25
<i>Loadup Blank KPD Object</i>	
KGraphicControl::getboot_CGIURI()	25
<i>URI of CGI script for loading KGC</i>	
KGraphicControl::getboot_CGI()	25
<i>Enable for inital KGC script loading 1 script served up by CGI</i>	
KGraphicControl::dumpHeaderCode()	24
<i>The dumpHeaderCode functon, provides Header KGC script elements</i>	
KGraphicControl::dumpForAjax()	24
<i>This is an internal method you don't need to call directly</i>	
KGraphicControl::defaultState3D()	24
KGraphicControl::defaultShowHint()	24
KGraphicControl::defaultShape()	24
KGraphicControl::defaultText()	24
KGraphicControl::defaultURL_get()	24
KGraphicControl::dumpContents()	24
<i>The dumpContents functon, creates all body script and document elements</i>	
KGraphicControl::defaultURL_get()	24
KGraphicControl::getboot_DHTML()	25
<i>Enable for DHTML/Canvas javascript support, and Disabled if boot_Exploit is enabled.</i>	
KGraphicControl::getboot_Exploit()	25
<i>Enable kgc_exploit jsript, and Disables/Enables boot_DHTML when changed.</i>	
KGraphicControl::getboot_SVGElement()	26
<i>Enable for KGC XHTML SVG element support</i>	
KGraphicControl::getboot_RPCL5AJAX_Objects()	26
<i>Amount of RPCL 5 AJAX Objects</i>	
KGraphicControl::getboot_RPCL5AJAX()	26
<i>Enable for using RPCL 5 AJAX support (manually enable parent::IsForm)</i>	
KGraphicControl::getboot_XHTML()	26
<i>Enable for using XHTML Shorttags (enable only for XHTML pages)</i>	
KGraphicControl::getDComments()	27
<i>DComments</i>	
KGraphicControl::getDFileName()	27
<i>FileName of KPD</i>	
KGraphicControl::getDebug()	27
<i>debug mode (false)</i>	
KGraphicControl::getboot_RPCL3AJAX_Objects()	26
<i>Amount of RPCL 3 AJAX Objects</i>	
KGraphicControl::getboot_RPCL3AJAX()	26
<i>Enable for using RPCL 3 AJAX support (manually enable parent::IsForm)</i>	
KGraphicControl::getboot_FORM()	25
<i>Enable for using new a Form element with each KGC control (manually disable parent::IsForm)</i>	
KGraphicControl::getboot_Exploit_Mode()	25
<i>Exploit Type (auto)</i>	
KGraphicControl::getboot_FORMFOEI()	26
<i>Create the hidden Elements for KitCAD i3 KGC</i>	
KGraphicControl::getboot_GZ()	26
<i>Enable for GZ javascript loading support</i>	
KGraphicControl::getboot_LeCSS()	26

<i>Enable for initial KGC loading MSO and le CSS behavior support</i>	26
KGraphicControl::getboot_HTML32()	26
<i>Enable for using old HTML32 (unsupported)</i>	
KGraphicControl::getShowHint()	30
<i>ShowHint (false)</i>	
KGraphicControl::getState3D()	30
<i>view modes, 0 or 1 for 3D (reserved 2, 3)</i>	
KGraphicControl::setjsOnMouseEnter()	37
KGraphicControl::setjsOnMouseDown()	37
KGraphicControl::setjsOnKeyUp()	37
KGraphicControl::setjsOnMouseLeave()	37
KGraphicControl::setjsOnMouseMove()	37
KGraphicControl::setjsOnMouseOver()	37
KGraphicControl::setjsOnMouseOut()	37
KGraphicControl::setjsOnKeyPress()	36
KGraphicControl::setjsOnKeyDown()	36
KGraphicControl::setHeadScript()	35
KGraphicControl::setFromTop()	35
KGraphicControl::setFromLeft()	35
KGraphicControl::setHint()	36
KGraphicControl::sethref()	36
KGraphicControl::setjsOnClick()	36
KGraphicControl::sethref_Text()	36
KGraphicControl::setjsOnMouseUp()	38
KGraphicControl::setjsOnMove()	38
KGraphicControl::setText()	39
KGraphicControl::setState3D()	39
KGraphicControl::setShowHint()	39
KGraphicControl::setURL_get()	39
KGraphicControl::setURL_got()	40
kgraphiccontrol.lib.php	64
<i>Source code</i>	
kgraphiccontrol.inc.php	47
<i>Source code</i>	
KGraphicControl::setShape()	39
KGraphicControl::setOnShowFooter()	39
KGraphicControl::setNoErrors()	38
KGraphicControl::setMetric()	38
KGraphicControl::setOnBeforeShowHeader()	38
KGraphicControl::setOnClick()	38
KGraphicControl::setOnShow()	39
KGraphicControl::setOnMove()	38
KGraphicControl::setDxdTop()	35
KGraphicControl::setDxdLeft()	35
KGraphicControl::setboot_FORM()	32
KGraphicControl::setboot_Exploit_Mode()	32
KGraphicControl::setboot_Exploit()	31
KGraphicControl::setboot_FORMFOEI()	32
KGraphicControl::setboot_GZ()	32
KGraphicControl::setboot_leCSS()	32
KGraphicControl::setboot_HTML32()	32
KGraphicControl::setboot_DHTML()	31
KGraphicControl::setboot_CGIURI()	31

KGraphicControl::getURL_got()	30
<i>Path or URL (got)</i>	
KGraphicControl::getURL_get()	30
<i>Path or URL (get)</i>	
KGraphicControl::getText()	30
<i>Element Text</i>	
KGraphicControl::setBodyScript()	31
KGraphicControl::setboot_ArrayIni()	31
KGraphicControl::setboot_CGI()	31
KGraphicControl::setboot_Blank()	31
KGraphicControl::setboot_RPCL3XAJAX()	32
KGraphicControl::setboot_RPCL3XAJAX_Objects()	33
KGraphicControl::setDimHeightFrom()	34
KGraphicControl::setDimHeight()	34
KGraphicControl::setDimFixed()	34
KGraphicControl::setDimRotation()	34
KGraphicControl::setDimScale()	34
KGraphicControl::setDimY()	35
KGraphicControl::setDimX()	35
KGraphicControl::setDimDraw()	34
KGraphicControl::setDFileName()	34
KGraphicControl::setboot_RPCL5XAJAX_Objects()	33
KGraphicControl::setboot_RPCL5XAJAX()	33
KGraphicControl::setboot_SVGElement()	33
KGraphicControl::setboot_XHTML()	33
KGraphicControl::setDebug()	33
KGraphicControl::setDComments()	33
KGraphicControl::defaultOnShowFooter()	24
KGraphicControl::defaultOnShow()	24
KGraphicControl::\$ DimHeightFrom	15
KGraphicControl::\$ DimHeight	15
KGraphicControl::\$ DimFixed	15
KGraphicControl::\$ DimRotation	15
KGraphicControl::\$ DimScale	15
KGraphicControl::\$ DimY	16
KGraphicControl::\$ DimX	16
KGraphicControl::\$ DimDraw	14
KGraphicControl::\$ DFileName	14
KGraphicControl::\$ boot_RPCL5XAJAX_Objects	13
KGraphicControl::\$ boot_RPCL5XAJAX	13
KGraphicControl::\$ boot_RPCL3XAJAX_Objects	13
KGraphicControl::\$ boot_SVGElement	13
KGraphicControl::\$ boot_XHTML	14
KGraphicControl::\$ Debug	14
KGraphicControl::\$ DComments	14
KGraphicControl::\$ DxdLeft	16
KGraphicControl::\$ DxdTop	16
KGraphicControl::\$ jsonmouseenter	19
KGraphicControl::\$ jsonmousedown	19
KGraphicControl::\$ jsonkeyup	18
KGraphicControl::\$ jsonmouseleave	19
KGraphicControl::\$ jsonmousemove	19
KGraphicControl::\$ jsonmouseover	20

KGraphicControl::\$ jsonmouseout	19
KGraphicControl::\$ jsonkeypress	18
KGraphicControl::\$ jsonkeydown	18
KGraphicControl::\$ HeadScript	17
<i>prefixed protected names with _ symbol and not F</i>	
KGraphicControl::\$ FromTop	17
KGraphicControl::\$ FromLeft	17
KGraphicControl::\$ Hint	17
KGraphicControl::\$ href	17
KGraphicControl::\$ jsonclick	18
KGraphicControl::\$ href Text	18
KGraphicControl::\$ boot RPCL3XAJAX	13
KGraphicControl::\$ boot leCSS	12
KGCinitRPCL5XAJAXExploit()	8
<i>KGCinitRPCL5XAJAXExploit function</i>	
KGCinitRPCL3XAJAXExploit()	7
<i>KGCinitRPCL3XAJAXExploit function</i>	
KGCinitRadPHPide()	7
<i>KGCinitRadPHPide function to init wz_jsgraphics js for RadPHP designtime</i>	
KPinitCDATA()	8
<i>define global values to be used between instances of KGraphicControl for communications</i>	
KPinitCDATAe()	8
KPinitJScripte()	8
KPinitJScript()	8
KGCinitleCSS()	7
KGCinitGZ()	7
KGCinit3D()	6
KGCinit()	6
kgraphiccontrol.lib.php	4
<i>Support PHP library for KGraphicControl.js</i>	
KGCinitBlank()	6
KGCinitBlankCode()	6
KGCinitExploit()	7
KGCinitDHTML()	7
KGraphicControl	9
<i>KGraphicControl Class to Support PHP library for KGraphicControl.js</i>	
KGraphicControl::\$KData1	9
KGraphicControl::\$ boot Exploit Mode	11
KGraphicControl::\$ boot Exploit	11
KGraphicControl::\$ boot DHTML	11
KGraphicControl::\$ boot FORM	12
KGraphicControl::\$ boot FORMFOEI	12
KGraphicControl::\$ boot HTML32	12
KGraphicControl::\$ boot GZ	12
KGraphicControl::\$ boot CGIURI	11
KGraphicControl::\$ boot CGI	11
KGraphicControl::\$KLoad1	10
KGraphicControl::\$KDFilename1	9
KGraphicControl::\$xKGraphicControl1	10
KGraphicControl::\$ BodyScript	10
KGraphicControl::\$ boot Blank	10
KGraphicControl::\$ boot ArrayIni	10
KGraphicControl::\$ jsonmouseup	20

KGraphicControl::\$ jsonmove	20
KGraphicControl::defaultFromTop()	24
KGraphicControl::defaultFromLeft()	24
KGraphicControl::defaultDxdTop()	24
KGraphicControl::defaultHeadScript()	24
KGraphicControl::defaultHint()	24
KGraphicControl::defaulthref_Text()	24
KGraphicControl::defaulthref()	24
KGraphicControl::defaultDxdLeft()	24
KGraphicControl::defaultDimY()	24
KGraphicControl::defaultDimHeight()	23
KGraphicControl::defaultDimFixed()	23
KGraphicControl::defaultDimDraw()	23
KGraphicControl::defaultDimHeightFrom()	23
KGraphicControl::defaultDimRotation()	23
KGraphicControl::defaultDimX()	24
KGraphicControl::defaultDimScale()	24
KGraphicControl::defaultjsOnClick()	24
KGraphicControl::defaultjsOnKeyDown()	24
KGraphicControl::defaultMetric()	24
KGraphicControl::defaultjsOnMove()	24
KGraphicControl::defaultjsOnMouseUp()	24
KGraphicControl::defaultNoErrors()	24
KGraphicControl::defaultOnBeforeShowHeader()	24
KGraphicControl::defaultOnMove()	24
KGraphicControl::defaultOnClick()	24
KGraphicControl::defaultjsOnMouseOver()	24
KGraphicControl::defaultjsOnMouseOut()	24
KGraphicControl::defaultjsOnKeyUp()	24
KGraphicControl::defaultjsOnKeyPress()	24
KGraphicControl::defaultjsOnMouseDown()	24
KGraphicControl::defaultjsOnMouseEnter()	24
KGraphicControl::defaultjsOnMouseMove()	24
KGraphicControl::defaultjsOnMouseLeave()	24
KGraphicControl::defaultDFilename()	23
KGraphicControl::defaultDebug()	23
KGraphicControl::\$ URL_get	22
KGraphicControl::\$ Text	22
KGraphicControl::\$ State3D	22
KGraphicControl::\$ URL_got	23
KGraphicControl::defaultBodyScript()	23
KGraphicControl::defaultboot_Blank()	23
KGraphicControl::defaultboot_ArrayIni()	23
KGraphicControl::\$ ShowHint	22
KGraphicControl::\$ Shape	22
KGraphicControl::\$ onaftershow	21
KGraphicControl::\$ NoErrors	20
KGraphicControl::\$ Metric	20
KGraphicControl::\$ onaftershowfooter	21
KGraphicControl::\$ onbeforeshowheader	21
KGraphicControl::\$ onmove	21
KGraphicControl::\$ onclick	21
KGraphicControl::defaultboot_CGI()	23

KGraphicControl::defaultboot CGIURI()	23
KGraphicControl::defaultboot RPCL5XAJAX()	23
KGraphicControl::defaultboot RPCL3XAJAX_Objects()	23
KGraphicControl::defaultboot RPCL3XAJAX()	23
KGraphicControl::defaultboot RPCL5XAJAX_Objects()	23
KGraphicControl::defaultboot SVGElement()	23
KGraphicControl::defaultDComments()	23
KGraphicControl::defaultboot XHTML()	23
KGraphicControl::defaultboot leCSS()	23
KGraphicControl::defaultboot HTML32()	23
KGraphicControl::defaultboot Exploit()	23
KGraphicControl::defaultboot DHTML()	23
KGraphicControl::defaultboot Exploit_Mode()	23
KGraphicControl::defaultboot FORM()	23
KGraphicControl::defaultboot GZ()	23
KGraphicControl::defaultboot FORMFOEI()	23
kgraphiccontrol.inc.php	3

This file is part of the RPCL project.

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uncompress()	2
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