

Feature listing

KitCAD i3 KGC

2007 - 2010

Feature listing

KitCAD i3 – future editions –

KitCAD i3 KGC online

KitCAD i3 KGC XAMPP/WAMPP2

KitCAD i3 KGC (TEST)

User Interface

Can be modified/re-programmed	X	X	.	L
Supports basic and custom HTML	X	X	X	
Can run using Internet Explorer 5 or Windows Application	X	X	X	
Can create New pages	X	X	X	
Open and Edit KitCAD2 drawing files	X	X	X	
User login Authorisation Interface	.	X	X	SU
Save As, User file storage	X	X	X	
Supports WebForm2 controls	X	X	X	
ClipArt Management Interface	X	X	X	
Object Editor Interface	X			
Profile Management option		X	X	
Library System Interface			X	
Library System Search (<i>Perfect</i>)	.	-	X	L
Image System Interface			X	
Machine It – Cutup Interface			X	
Kitchen Page Interface			X	
Account Management Interface			X	

Authorisation Interface

Encryption using https:// scheme			X	
Open ID user accounts (+10 sites)		X	X	
Enhanced Security options (error logging)			X	
Supports User Access Control (multiple user accounts)	.			SU
Digitally signed EXE applications	X			X

Windows Application

Runs as windows 32bit EXE application	X	X	X	
Single EXE download Bundled with a 3D viewer				X

*SU – Standard User Account; L – Library System

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Export 3D formats - User Interface

VRML97	R	R	X	.
X3DV	R	R	X	.
PNG image (<i>block colours</i>)		R	R	.
JavaScript (<i>block colours</i>)		R	R	.
SVG (<i>block colours</i>)		R	R	.
Sketch-up 7 (<i>Ruby Script</i>)	R	R	X	.
Anim8or	R	R	X	.

Export 2D formats - User Interface

XAML – for use with the Microsoft SilverLight plugin	R	R	X	.
VML – for use with Microsoft Internet Explorer ActiveX	R	R	X	.
XPS – with Microsoft Document Writer (<i>application interface spooler</i>)	R	R	R	.
DHTML – WZ Graphics JavaScript library (<i>interface use only</i>)	R	R	R	.
Canvas – Apple Canvas, and HTML5	R	R	X	.
SVG – Scalable Vector Graphics	R	R	X	.
SXD – Sun Star Office Drawing/Open Office Drawing		R	X	.

Exports Data formats - User Interface

HTML3.2	R	R	X	.
PDF Text	R	R	X	.
JSON	X	R	L	.
KitCAD2 KP2	X	R	X	.
KitCAD2 KPD	X	R	X	.
KitCAD2 KPG	X	R	X	.
KitCAD2 KPR	X		X	.
KitCAD2 KPI	X		X	.
KitCAD2 DAT	X		X	.

*R – Read Only support (or as result of processing)

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Data Transfer - User Interface

URI fragment identifier data transfer	X	X	X	.
URI fragment identifier file data transfer	X			.
Supports http:// scheme; Hypertext transfer protocol		X	X	X
Supports https:// scheme; Secure Socket Layer		-	X	.
Supports file:// scheme; local intranet	X			X

Data Transfer processing (input)

DOM file storage	S	S	S	s/p
DOM value storage				s/p
JavaScript file storage/read	S	S	S	s/p
JavaScript value storage	S	S	S	s/p
JSON value storage	S			s/p

Data Transfer processing (output)

DOM file storage	S	P	P	s/p
DOM value storage				s/p
JavaScript file storage/write	S	P	P	s/p
JavaScript value storage	S	P	P	s/p
JSON value storage	S			s/p

Data Processing (between input/output)

DOM automation				s/p
DOM value storage				s/p
JavaScript Function	S	S	S	s/p
JavaScript Array				s/p
CGI Function		S	S	s/p
PHP Function		-	-	s/p
KGC KGraphicControl	S	S	S	s/p

* S – Serial; P – Parallel; s/p – Serial and/or Parallel;
 Serial – one after another; Parallel – one or more, side by side

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KGC KgraphicControl – JavaScript Component

URI fragment identifier data transfer	X			.
URI fragment identifier file data transfer	X			.
Supports http:// scheme; Hypertext transfer protocol	X	X	X	.
Supports https:// scheme; Secure Socket Layer		-	X	.
Supports file:// scheme; local intranet	X			.
Synchronous file data loading	X	X	X	X
Asynchronous file data loading				s/p

KGC KGraphicControl - Data Transfer processing (input)

DOM file storage				s/p
DOM value storage				s/p
JavaScript file storage/read	S	S	S	s/p
JavaScript value storage	S	S	S	s/p
JSON value storage	-			s/p

KGC KGraphicControl - Data Transfer processing (output)

DOM file storage	-	-	-	s/p
DOM value storage			-	s/p
JavaScript file storage/write	S	S	S	s/p
JavaScript value storage	S	S	S	s/p
JSON value storage	-			s/p

KGC KGraphicControl - Data Processing (between input/output)

DOM automation	-	-	-	s/p
DOM value storage				s/p
JavaScript Function	S	S	S	s/p
JavaScript Array	S			s/p
CGI Function		S	S	S
PHP Function		-	-	S

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Runtime Environment Requirements - User Interface

PHP 5			X	X	
PHP 4			X	X	
PHP (Pear – with PHP 5)			5	X	
CGI (Perl – with FastCGI)			X	X	
ASP					n/a
SSI (Server Side Instruction)					n/a
Python					n/a
Ruby					n/a
.htaccess processing			X	X	
JavaScript	X		X	X	
J Script	IE				
Visual Basic Script	n/a				
C#	n/a				
J#	n/a				
C++	vcl				
Delphi	vcl				
Scheme validator	url	url		url	uri
Manifest Meta-data	.				SU

Runtime Environment Requirements - User Interface

HTA / MHT / Google Gadget / Facebook API	.	.		X	-
Virtualization; Access Same User Interfaces without installer software	S	X		X	-

Runtime Language - User Interface

Graphic	I	I		I	X
English/All	en	en		en	all
Metric/Imperial Fraction support (alpha); Inch or Feet Inch	M	M		M	F

* url – Uniform resource locator; uri – Uniform resource indicator; IE – Internet Explorer;
 5- PHP 5 requirement; en – English; all – Multi language support; I – Icon buttons; S – Similar

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Design time Environment Requirements (re-programming)

PHP 5

PHP 4

PHP (Pear – with PHP 5)

CGI (Perl – with FastCGI)

ASP

SSI (Server Side Instruction)

Python

Ruby

.htaccess processing

JavaScript

J Script

Visual Basic Script

C#

J#

C++

Delphi

Scheme validator

Manifest Meta-data

Text editor (ASCII, UTF)

Graphic editor (PNG, GIF, JPEG, ICO)

4

10

* 4 – Visual Component Library (Borland4); 10 – Visual Component Library (RAD Studio 2010)
 vcl - Visual Component Library (Borland4 / RAD Studio 2010)

Feature listing

Extra information; reference

KitCAD website

<http://www.KitCAD.com/>

KitCAD i3 KGC online

<http://www.KitchenPages.com/library/i3/>

KitCAD i3 developer blog

<http://www.KitchenPages.com/dev/archives/category/kitcad/versions-i3-or-i3-kgc/>

KitCAD i3 KGC 2011 development and testing for jsappatche.js

<http://www.kitchenpages.com/dev/archives/kitcad-i3-kgc-2011-release-testing/334>

KitCAD i3 current release and development bugs

<http://code.google.com/p/kitcad/issues/list>

KitCAD i3 technical wiki

<http://code.Google.com/p/kitcad/wiki/Index>

Kitchen Pages, computer software

<http://www.KitchenPages.com/>

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