

Autodesk Design Review 2013

Quick Reference Guide

January 2012

Legal Notices

Autodesk® Design Review 2013

© 2012 Autodesk, Inc. All Rights Reserved. Except as otherwise permitted by Autodesk, Inc., this publication, or parts thereof, may not be reproduced in any form, by any method, for any purpose.

Certain materials included in this publication are reprinted with the permission of the copyright holder.

Third-Party Software Credits and Attributions

This software is based in part on the works of the following:

Copyright © 1995-2005 The OpenSSL Project. All rights reserved.

Redistributions and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. This product includes cryptographic software written by Eric Young (ey@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Copyright © 1995-1998 Eric Young (ey@cryptsoft.com) All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: "This product includes cryptographic software written by Eric Young (ey@cryptsoft.com)" The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)" THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. The license and distribution terms for any publicly available version or derivative of this code cannot be changed, i.e., this code cannot simply be copied and put under another distribution license [including the GNU Public License].

LibTiff (<http://www.libtiff.org>), Copyright © 1988-1997 Sam Leffler, Copyright © 1991-1997 Silicon Graphics, Inc., under the following license:

Permission to use, copy, modify, distribute, and sell this libtiff software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Sam Leffler and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

This software is based in part on the work of the Independent JPEG Group.

PDF technology powered by PDFNet SDK copyright © PDFtron™ Systems Inc., 2001-2008, and distributed by Autodesk, Inc, under license. All rights reserved.

Copyright © 1998, 1999, 2000 Thai Open Source Software Center Ltd.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Trademarks

The following are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and other countries: 123D, 3ds Max, Algor, Alias, Alias (swirl design/logo), AliasStudio, ATC, AUGI, AutoCAD, AutoCAD Learning Assistance, AutoCAD LT, AutoCAD Simulator, AutoCAD SQL Extension, AutoCAD SQL Interface, Autodesk, Autodesk Homestyler, Autodesk Intent, Autodesk Inventor, Autodesk MapGuide, Autodesk Streamline, AutoLISP, AutoSketch, AutoSnap, AutoTrack, Backburner, Backdraft, Beast, Beast (design/logo) Built with ObjectARX (design/logo), Burn, Buzzsaw, CAiCE, CFdesign, Civil 3D, Cleaner, Cleaner Central, ClearScale, Colour Warper, Combustion, Communication Specification, Constructware, Content Explorer, Creative Bridge, Dancing Baby (image), DesignCenter, Design Doctor, Designer's Toolkit, DesignKids, DesignProf, DesignServer, DesignStudio, Design Web Format, Discreet, DWF, DWG, DWG (design/logo), DWG Extreme, DWG TrueConvert, DWG TrueView, DWFx, DXF, Ecotect, Evolver, Exposure, Extending the Design Team, Face Robot, FBX, Fempro, Fire, Flame, Flare, Flint, FMDesktop, Freewheel, GDX Driver, Green Building Studio, Heads-up Design, Heidi, Homestyler, HumanIK, IDEA Server, i-drop, Illuminate Labs AB (design/logo), ImageModeler, iMOUT, Incinerator, Inferno, Instructables, Instructables (stylized robot design/logo), Inventor, Inventor LT, Kynapse, Kynogon, LandXplorer, LiquidLight, LiquidLight (design/logo), Lustre, MatchMover, Maya, Mechanical Desktop, Moldflow, Moldflow Plastics Advisers, Moldflow Plastics Insight, Moldflow Plastics Xpert, Moondust, MotionBuilder, Movimento, MPA, MPA (design/logo), MPI, MPI (design/logo), MPX, MPX (design/logo), Mudbox, Multi-Master Editing, Navisworks, ObjectARX, ObjectDBX, Opticore, Pipeplus, Pixlr, Pixlr-o-matic, PolarSnap, PortfolioWall, Powered with Autodesk Technology, Productstream, ProMaterials, RasterDWG, RealDWG, Real-time Roto, Recognize, Render Queue, Retimer, Reveal, Revit, RiverCAD, Robot, Scaleform, Scaleform GfX, Showcase, Show Me, ShowMotion, SketchBook, Smoke, Softimage, SoftimageXSI (design/logo), Sparks, SteeringWheels, Stitcher, Stone, StormNET, Tinkerbox, ToolClip, Topobase, Toxik, TrustedDWG, U-Vis, ViewCube, Visual, Visual LISP, Voice Reality, Volo, Vtour, WaterNetworks, Wire, Wiretap, WiretapCentral, XSI.

HP Instant Printing is a registered Trademark of Hewlett-Packard Company.

All other brand names, product names or trademarks belong to their respective holders.

Disclaimer

THIS PUBLICATION AND THE INFORMATION CONTAINED HEREIN IS MADE AVAILABLE BY AUTODESK, INC. "AS IS." AUTODESK, INC. DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THESE MATERIALS.

Quick Reference Guide

1

Alternative Methods for Performing Commands

Design Review often provides several ways to perform the same command:







- Application menu button, ribbon tabs, palettes, and toolbars
- Keyboard shortcuts
- Context menus

The application menu button, ribbon tabs, palettes, and toolbars are used most often to invoke a command. You can also use a keyboard shortcut (a key or combination of keys you can press to perform a command quickly). When available, keyboard shortcuts are shown to the right of their respective tool names in menus and tooltips.







NOTE Keyboard shortcuts are different than keytips. Keyboard shortcuts provide a direct way to perform a command immediately.

Another alternative to invoke a command is to use the context menu. In many locations within Design Review, you can right-click to display commands relevant to the position of the mouse pointer. This right-click ability is especially important when viewing a DWF file in embedded mode, as menus and toolbars can be hidden.










Application Menu


Icon	Command	Keyboard Shortcut
	New	Ctrl+N
	Open/Open File	Ctrl+O
	Save	Ctrl+S
	Print	Ctrl+P
	Send Email	Ctrl+E
	Close	Ctrl+W
	Exit Design Review	Alt+F4

Quick Access Toolbar













Icon	Command	Keyboard Shortcut
	Open	Ctrl+O
	Save	Ctrl+S
	Print	Ctrl+P
	Undo	Ctrl+Z
	Redo	Ctrl+Y
	Send Email	Ctrl+E





Ribbon: Home Tab




Icon	Command	Keyboard Shortcut
	Print	Ctrl+P
	Undo	Ctrl+Z
	Redo	Ctrl+Y
	Full Screen	N
	Copy Current View	Ctrl+Shift+C
	Show Markups	Ctrl+Shift+M
	Previous View	Ctrl+Shift+P
	Next View	Ctrl+Shift+N
	Starting View	Ctrl+Home
	Drop Shadows	Ctrl+Shift+S
	Coordinate Systems	Ctrl+U
	Show ViewCube	Ctrl+Shift+O
	Show Hyperlinks	Ctrl+Shift+H
	Show Canvas Back-ground	Ctrl+Shift+B

Icon	Command	Keyboard Shortcut
	Snap to Geometry	Ctrl+Shift+G
	Find Palette	Ctrl+F
	Help	F1









Ribbon: Markup & Measure Tab

Icon	Command	Keyboard Shortcut
	Cut	Ctrl+X
	Copy	Ctrl+C
	Paste	Ctrl+V
	Rectangle Callout	Ctrl+1
	Rectangle Callout with Rectangle Cloud	Ctrl+2
	Rectangle Callout with Polycloud	Ctrl+3
	Circle Callout	Ctrl+4
	Circle Callout with Rectangle Cloud	Ctrl+5
	Circle Callout with Polycloud	Ctrl+6
	Triangle Callout	Ctrl+7
	Triangle Callout with Rectangle Cloud	Ctrl+8
	Triangle Callout with Polycloud	Ctrl+9
	(Enable last used callout tool)	M or Spacebar








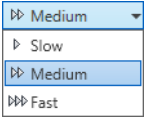
Icon	Command	Keyboard Shortcut
	Line	Shift+1
	Rectangle	Shift+2
	Freehand Highlighter	Shift+3
	Rectangle Cloud	Shift+4
	Polyline (Draw panel)	Shift+5
	Ellipse	Shift+6
	Rectangle Highlighter	Shift+7
	Polycoud	Shift+8
	Freehand	S
A	Text Box	T
	Length	G
	Area	U
	Relative Distance	I
	Polyline (Measure panel)	W
	Length/Radius	J
	Angle (2D and 3D)	K

Icon	Command	Keyboard Shortcut
	Point Location	L
	Stamps	O
	Symbols	Z
	Enable last used markup tool from the Callouts, Draw, Measure, and Stamps & Symbols panels	Spacebar















Ribbon: Tools Tab





Icon	Command	Keyboard Shortcut
	Rotate Sheet Right	Ctrl+Shift+1
	Rotate Sheet Left	Ctrl+Shift+2
	Move and Rotate	Ctrl+Shift+R
	Section Face	Ctrl+Shift+E
	XY Section	Ctrl+Shift+X
	XZ Section	Ctrl+Shift+Z
	YZ Section	Ctrl+Shift+Y
	From Snapshot	P

Ribbon: Animation Tab



Icon	Command	Keyboard Shortcut
	Play	Z
	Pause	Z
	Reverse	W
	Next Interval	Ctrl+Shift+Right Arrow
	Previous Interval	Ctrl+Shift+Left Arrow
	Next Sequence	Ctrl+Right Arrow
	Previous Sequence	Ctrl+Left Arrow
 <div> ▷▷ Medium ▼ ▷ Slow ▷▷ Medium ▷▷ Fast </div>	Speed	Ctrl+Shift+Plus/Minus

Canvas Toolbar

Icon	Command	Keyboard Shortcut
	Select	A
	Field of View	V to increase/Shift+V to decrease
	Home	Home
	Pan	H
	Zoom	Q (Dynamic Zoom) or Ctrl+Plus/Minus keys (Controlled Zoom)
	Fit to Window	F
	Zoom Rectangle	R
	Orbit	B
	Turntable	E
	2D Navigation Wheel	Ctrl+Shift+W
	View Object Wheel	Ctrl+Shift+I
	Tour Building Wheel	Ctrl+Shift+J
	Full Navigation Wheel	Ctrl+Shift+K
	Mini View Object Wheel	Ctrl+Shift+.

Icon	Command	Keyboard Shortcut
	Mini Tour Building Wheel	Ctrl+Shift+,
	Mini Full Navigation Wheel	Ctrl+Shift+/,
	Previous Page	PgUp
	Next Page	PgDn

Map Toolbar

Icon	Command	Keyboard Shortcut
	Turn on GPS Mode	Ctrl+J
	Center to Coordinates	Ctrl+Shift+J
	Copy Coordinates from Map Toolbar	Ctrl+Shift+D
	Copy Coordinates from the Canvas*	Ctrl+K
	Paste Coordinates	Ctrl+L

*Available when right-clicking the canvas.

Use the Arrow Keys to Move and Rotate

When you pull apart or cross section 3D models, you can use the arrow keys to move one or more selected objects or a section plane.

Use Arrow Keys to Move and Rotate a 3D Model

Plane	Axis	Arrow Key and Direction
XY	X	Up Arrow. Away from the origin. Down Arrow. Towards the origin.
	Y	Left Arrow. Away from the origin. Right Arrow. Towards the origin.
XZ	X	Up Arrow. Away from the origin. Down Arrow. Towards the origin.
	Z	Left Arrow. Away from the origin. Right Arrow. Towards the origin.
YZ	Y	Up Arrow. Away from the origin. Down Arrow. Towards the origin.
	Z	Left Arrow. Away from the origin. Right Arrow. Towards the origin.

Use the Arrow Keys to Move and Rotate

To move an object or section plane along an axis

- 1 Click the X, Y, or Z axis near the origin.
- 2 Use the up or down arrow keys to move the object.
 - Up Arrow. Away from the origin.
 - Down Arrow. Towards the origin.

To rotate an object or section plane

- 1 Click the X, Y, or Z axis at the end away from the origin.
- 2 Use the up or down arrow keys to rotate objects or section planes in one-degree increments. Press the Down Arrow to rotate clockwise and the Up Arrow to rotate counterclockwise.
 - Up Arrow. Rotate counterclockwise.
 - Down Arrow. Rotate clockwise.

TIP Press and hold Shift while using the arrow keys to rotate, the object rotates in 45° increments.

Learning Resources

For more information about Design Review, the DWF file format, and DWF-related products, explore these learning resources.

Design Review Support

- Design Review Product Center: <http://www.autodesk.com/designreview>
- Design Review Online Help: <http://www.autodesk.com/designreview-help>
- Design Review videos on YouTube™: <http://www.autodesk.com/designreview-youtube>
- Design Review Learning Path: <http://www.autodesk.com/designreview-learningpath>
- Design Review online demonstration: <http://www.autodesk.com/designreview-tutorial>
- Design Review discussion group: <http://www.autodesk.com/discussiongroup-designreview>
- Design Review Support Knowledge Base: <http://www.autodesk.com/designreview-support>
- Design Review API documentation: <http://www.autodesk.com/dwf-developers>
- Design Review Updates & Service Packs: <http://www.autodesk.com/designreview-updates>
- Design Review Add-ins: <http://www.autodesk.com/dwf-plugins>
- Autodesk® Freewheel Add-in: <http://labs.autodesk.com/utilities/ShareNow/>

Other DWF-Related Resources

- Autodesk DWF Toolkit: <http://www.autodesk.com/dwftoolkit>
- Beyond the Paper blog: <http://www.autodesk.com/designreview-blog>
- DWF Developer Center: <http://www.autodesk.com/dwf-developers>
- DWF discussion group: <http://www.autodesk.com/discussiongroup-dwf>

Other DWF-Related Autodesk Products

- Autodesk® Buzzsaw®: <https://access.autodesk360.com/>

- Autodesk® DWF™ Writer: <http://www.autodesk.com/dwfwriter>
- Autodesk® Navisworks®: <http://www.autodesk.com/navisworks>
- Autodesk® Seek: <http://seek.autodesk.com>
- DWG TrueView™: <http://www.autodesk.com/dwgtrueview>

Non-Autodesk Websites

- 3Dconnexion: <http://www.3dconnexion.com>
- Autodesk User Group International: <http://www.augi.com>
- HP Instant Printing® (HPIP): <http://www.hp.com/go/hp-instant-printing/>
- Microsoft XPS Viewer: <http://www.microsoft.com/whdc/xps/viewxps.mspx>

