

Autodesk 3ds Max

# Keyboard ShortCuts



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damaroyWorkshop is an online portal for Autodesk 3ds Max users, lovers and enthusiast who would like to pick up tips, techniques, skills or new tips from the myriad of video tutorials from the shelf.

damaroyWorkshop is an arm of damaroyStudios; a creativity/multimedia agency.

3D Studio Max (3dsmax) is a 3D modeling, animation, and rendering tool. It is owned by Autodesk, an United States (San Rafael, California) based company.

More information about 3D Studio Max can be found at: <http://www.autodesk.com/3dsmax/>  
Note: A free 30 days trial version can be downloaded from the Autodesk site.

## table of contents

title	page #
main ui	2
track view	7
Material Editor	9
active shade	9
Schematic View	10
video post	11
nurbs	12
Physique	13
editable Poly	15
edit/Editable mesh	15
edit normals	16
ffd	16
unwrap uvw	17

## table of contents

title	page #
biped	19
reaction manager	20
Tone Operator And Radiosity Action Table	20
particle flow	20
walkthrough	21
macroscripts	22
quad menu sets	23
Snaps Action Table	24

Autodesk 3ds Max

# Keyboard ShortCuts

# Keyboard ShortCuts

## main ui

Description	Hotkey/ Keyboard Shortcut
Adaptive Degradation Toggle	O
Align	Alt+A
Angle Snap Toggle	A
Arc Rotate View Mode	Ctrl+R
Auto Key Mode Toggle	N
Background Lock Toggle	Alt+Ctrl+B
Backup Time One Unit	,
Bottom View	B
Camera View	C
Clone	Ctrl+V
Cycle Active Snap Type	Alt+S
Cycle Selection Method	Ctrl+F
Cycle Snap Hit	Alt+Shift+S
Default Lighting Toggle	Ctrl+L
Delete Objects	.
Disable Viewport	D
Display as See-Through Toggle	Alt+X
Environment Dialog	Toggle 8
Expert Mode Toggle	Ctrl+X

# Keyboard Shortcuts

main ui

Description	Hotkey/ Keyboard Shortcut
Fetch	Alt+Ctrl+F
Forward Time One Unit	.
Front View	F
Go to End Frame	End
Go to Start Frame	Home
Hide Cameras Toggle	Shift+C
Hide Geometry Toggle	Shift+G
Hide Grids Toggle	G
Hide Helpers Toggle	Shift+H
Hide Lights Toggle	Shift+L
Hide Particle Systems Toggle	Shift+P
Hide Shapes Toggle	Shift+S
Hide Space Warps Toggle	Shift+W
Hold	Alt+Ctrl+H
Isometric User View	U
Left View	L
Render Last	F9
Render Scene Dialog Toggle	F10
Restrict Plane Cycle	F8
Restrict to X	F5
Restrict to Y	F6
Restrict to Z	F7
Save File	Ctrl+S
Scale Cycle	Ctrl+E
Select All	Ctrl+A
Select Ancestor	PageUp

# Keyboard Shortcuts

main ui

Description	Hotkey/ Keyboard Shortcut
Select and Move	W
Select and Rotate	E
Select By Name	H
Select Child	PageDown
Select Children	Ctrl+PageDown
Select Invert	Ctrl+I
Select None	Ctrl+D
Selection Lock Toggle	Space
Set Key Mode	,
Set Keys	K
Shade Selected Faces Toggle	F2
Show Floating Dialogs	Ctrl+`
Show Main Toolbar Toggle	Alt+6
Show Safeframes Toggle	Shift+F
Show Selection Bracket Toggle	J
Snap To Frozen Objects Toggle	Alt+F2
Snaps Toggle	S
Snaps Use Axis Constraints Toggle	Alt+D, Alt+F3
Sound Toggle	\
Spacing Tool	Shift+I
Spot/Directional Light View	Shift+4
Sub-object Level Cycle	Insert
Sub-object Selection Toggle	Ctrl+B



# Keyboard Shortcuts

main ui

Description	Hotkey/ Keyboard Shortcut
Top View	T
Transform Gizmo Size Down	-
Transform Gizmo Size Up	=
Transform Gizmo Toggle	X
Transform Type-In Dialog Toggle	F12
Undo Scene Operation	Ctrl+Z
Undo Viewport Operation	Shift+Z
Update Background Image	Alt+Shift+Ctrl+B
View Edged Faces Toggle	F4
Viewport Background	Alt+B
Virtual Viewport Pan Down	NumPad 2
Virtual Viewport Pan Left	NumPad 4
Virtual Viewport Pan Right	NumPad 6
Virtual Viewport Pan Up	NumPad 8
Virtual Viewport Toggle	NumPad /
Virtual Viewport Zoom In	NumPad +
Virtual Viewport Zoom Out	NumPad -
Wireframe / Smooth+Highlights Toggle	F3
Zoom Extents All Selected	Z
Zoom Extents All	Shift+Ctrl+Z

# Keyboard Shortcuts

main ui

Description	Hotkey/ Keyboard Shortcut
Zoom Extents	Alt+Ctrl+Z
Zoom In 2X	Alt+Shift+Ctrl+Z
Zoom Mode	Alt+Z
Zoom Out 2X	Alt+Shift+Z
Zoom Region Mode	Ctrl+W
Zoom Viewport In	[, Ctrl+=
Zoom Viewport Out	], Ctrl+-
Lock User Interface Toggle	Alt+0
Material Editor Toggle	M
Maximize Viewport Toggle	Alt+W
MAXScript Listener	F11
New Scene	Ctrl+N
Normal Align	Alt+N
Open File	Ctrl+O
Pan View	Ctrl+P
Pan Viewport	I
Percent Snap Toggle	Shift+Ctrl+P
Perspective User View	P
Place Highlight	Ctrl+H
Play Animation	/
Quick Align	Shift+A
Quick Render	Shift+Q
Redo Scene Operation	Ctrl+Y
Redo Viewport Operation	Shift+Y
Redraw All Views	`

## track view

Description	Hotkey/ Keyboard Shortcut
Add Keys	A
Apply Ease Curve	Ctrl+E
Apply Multiplier Curve	Ctrl+M
Assign Controller	C
Copy Controller	Ctrl+C
Expand Object Toggle	O
Expand Track Toggle	Enter, T
Filters	Q
Lock Selection	Space
Lock Tangents Toggle	L
Make Controller Unique	U
Move Highlight Down	Down Arrow
Move Highlight Up	Up Arrow
Move Keys	M
Nudge Keys Left	Left Arrow
Nudge Keys Right	Right Arrow
Pan	P
Paste Controller	Ctrl+V
Scroll Down	Ctrl+Down Arrow

# Keyboard Shortcuts

**track view**

Description	Hotkey/ Keyboard Shortcut
Scroll Up	Ctrl+Up Arrow
Snap Frames	S
Zoom Horizontal Extents Keys	Alt+X
Zoom	Z

## material editor

Description	Hotkey/ Keyboard Shortcut
Background	B
Backlight	L
Cycle 3X2, 5X3, 6X4 Sample Slots	X
Get Material	G
Go Backward to Sibling	Left Arrow
Go Forward to Sibling	Right Arrow
Go to Parent	Up Arrow
Make Preview	P
Options	O

## active shade

Description	Hotkey/ Keyboard Shortcut
Close	Q
Draw Region	D
Render	R
Select Object	S
Toggle Toolbar (Docked)	Space

## schematic view

Description	Hotkey/ Keyboard Shortcut
Add Bookmark	B
Display Floater	D
Filters	P
Free All	Alt+F
Free Selected	Alt+S
Invert Selected Nodes	Ctrl+I
Move Children	Alt+C
Next Bookmark	Right Arrow
Previous Bookmark	Left Arrow
Rename Object	R
Select All Nodes	Ctrl+A
Select Children	Ctrl+C
Select None	Ctrl+D
Show Grid	G
Toggle Shrink	Ctrl+S
Use Connect Tool	C
Use Select Tool	S
Zoom Selected Extents	Z

## video post

Description	Hotkey/ Keyboard Shortcut
Add Image Filter Event	Ctrl+F
Add Image Input Event	Ctrl+I
Add Image Layer Event	Ctrl+L
Add Image Output Event	Ctrl+O
Add New Event	Ctrl+A
Add Scene Event	Ctrl+S
Edit Current Event	Ctrl+E
Execute Sequence	Ctrl+R
New Sequence	Ctrl+N

# Keyboard Shortcuts



Description	Hotkey/ Keyboard Shortcut
CV Constrained Normal Move	Alt+N
CV Constrained U Move	Alt+U
CV Constrained V Move	Alt+V
Display Curves	Shift+Ctrl+C
Display Dependents	Ctrl+D
Display Lattices	Ctrl+L
Display Shaded Lattice	Alt+L
Display Surfaces	Shift+Ctrl+S
Display Toolbox	Ctrl+T
Display Trims	Shift+Ctrl+T
Local Select Sub-Object By Name	Ctrl+H
Lock 2D Selection	Space
Select Next in U	Ctrl+Right Arrow
Select Next in V	Ctrl+Up Arrow
Select Previous in U	Ctrl+Left Arrow
Select Previous in V	Ctrl+Down Arrow
Select Sub-Object By Name	H
Set Tessellation Preset 1	Alt+1
Set Tessellation Preset 2	Alt+2
Set Tessellation Preset 3	Alt+3



Description	Hotkey/ Keyboard Shortcut
Soft Selection	Ctrl+S
Switch To Curve CV Level	Alt+Shift+Z
Switch To Curve Level	Alt+Shift+C
Switch To Imports Level	Alt+Shift+I
Switch To Point Level	Alt+Shift+P
Switch To Surface CV Level	Alt+Shift+V
Switch To Surface Level	Alt+Shift+S
Switch To Top Level	Alt+Shift+T
Transform Degradate	Ctrl+X

## physique

Description	Hotkey/ Keyboard Shortcut
Copy Envelope	Ctrl+C
Delete	Ctrl+D
Next	PageDown
Paste Envelope	Ctrl+V
Previous Selection Level	Shift+
Previous	PageUp
Reset Envelopes	Ctrl+E

## editable poly

Description	Hotkey/ Keyboard Shortcut
Bevel Mode	Shift+Ctrl+B
Border Level	3
Chamfer Mode	Shift+Ctrl+C
Connect	Shift+Ctrl+E
Constrain to Edges	Shift+X
Cut	Alt+C
Edge Level	2
Element Level	5
Extrude Mode	Shift+E
Face Level	4
Grow Selection	Ctrl+PageUp
Hide Unselected	Alt+I
Hide	Alt+H
Object Level	6
Quickslice Mode	Shift+Ctrl+Q
Repeat Last Operation	;
Select Edge Loop	Alt+L
Select Edge Ring	Alt+R
Shrink Selection	Ctrl+PageDown
Unhide All	Alt+U
Vertex Level	1
Weld Mode	Shift+Ctrl+W

## edit/editable mesh

Description	Hotkey/ Keyboard Shortcut
Bevel Mode	Ctrl+V, Ctrl+B
Chamfer Mode	Ctrl+C
Cut Mode	Alt+C
Detach	Ctrl+D
Edge Invisible	Ctrl+I
Edge Level	2
Edge Turn	Ctrl+T
Element Level	5
Extrude Mode	Ctrl+E
Face Level	3
Polygon Level	4
Vertex Level	1
Weld Selected	Ctrl+W
Weld Target Mode	Alt+W

## edit normals

Description	Hotkey/ Keyboard Shortcut
Break Normals	B
Copy Normal	Ctrl+C
Edge Level	Ctrl+3
Face Level	Ctrl+4
Make Explicit	E
Normal Level	Ctrl+1
Object Level	Ctrl+0
Paste Normal	Ctrl+V
Reset Normals	R
Specify Normals	S
Unify Normals	U
Vertex Level	Ctrl+2

## ffd

Description	Hotkey/ Keyboard Shortcut
Switch To Control Point Level	Alt+Shift+C
Switch To Lattice Level	Alt+Shift+L
Switch To Set Volume Level	Alt+Shift+S
Switch To Top Level	Alt+Shift+T

# Keyboard Shortcuts

## unwrap uvw

Description	Hotkey/ Keyboard Shortcut
Break Selected Vertices	Ctrl+B
Detach Edge Verts	D, Ctrl+D
Edit UVW's	Ctrl+E
Filter Selected Faces	Alt+F
Freeze Selected	Ctrl+F
Get Face Selection From Stack	Alt+Shift+Ctrl+F
Get Selection From Faces	Alt+Shift+Ctrl+P
Hide Selected	Ctrl+H
Load UVW	Alt+Shift+Ctrl+L
Lock selected vertices	Space
Mirror Horizontal	Alt+Shift+Ctrl+N
Mirror Vertical	Alt+Shift+Ctrl+M
Move Horizontal	Alt+Shift+Ctrl+J
Move Vertical	Alt+Shift+Ctrl+K
Pan	Ctrl+P
Planar map faces/patches	Enter
Show Seams In Viewport	Alt+E
Snap	Ctrl+S
Texture Vertex Contract Selection	NumPad -, -
Texture Vertex Expand Selection	NumPad +, =
Texture Vertex Move Mode	Q
Texture Vertex Rotate Mode	Ctrl+R

# Keyboard Shortcuts

**unwrap unw**

Description	Hotkey/ Keyboard Shortcut
Texture Vertex Weld Selected	Ctrl+W
Texture VertexTarget Weld	Ctrl+T
Unwrap Options	Ctrl+O
Update Map	Ctrl+U
Zoom Extents Selected	Alt+Ctrl+Z
Zoom Extents	X
Zoom Region	Ctrl+X
Zoom To Gizmo	Shift+Space
Zoom	Z

# Keyboard Shortcuts



Description	Hotkey/ Keyboard Shortcut
Change Leg State	Alt+Ctrl+S
Collapse Move All Mode changes	Alt+M
Copy Posture	Alt+C
Fix Graphs	Alt+Ctrl+F
Lock Selected Keys (toggle)	Alt+Ctrl+L
Paste Posture Opposite	Alt+B
Paste Posture	Alt+V
Play Biped	V
Reset all limb keys	Alt+K
Scale In Transform (toggle)	Alt+Ctrl+E
Set Key	O
Set Range	Alt+R
Toggle Biped Keys in TrackBar	Alt+T
TV Select end of footsteps	Alt+D
TV Select entire foostep	Alt+S
TV Select start of footsteps	Alt+A

## reaction manager

Description	Hotkey/ Keyboard Shortcut
Set Max Influence	Ctrl+I
Set Min Influence	Alt+I

## particle flow

Description	Hotkey/ Keyboard Shortcut
Particle Emission Toggle	;
Particle View Toggle	6
Selected Particle Emission Toggle	Shift+;
Copy Selected In Particle View	Ctrl+C
Paste In Particle View	Ctrl+V
Select All In Particle View	Ctrl+A

## tone operator and radiosity action table

Description	Hotkey/ Keyboard Shortcut
Advanced Lighting Panel	9



## walkthrough

Description	Hotkey/ Keyboard Shortcut
Accelerate Toggle	Q
Back	S, Down Arrow
Decelerate Toggle	Z
Decrease Step Size	[
Down	C, Shift+Down Arrow
Forward	W, Up Arrow
Increase Step Size	]
Left	A, Left Arrow
Level	Shift+Space
Lock Vertical Rotation	Space
Reset Step Size	Alt+[
Right	D, Right Arrow
Up	E, Shift+Up Arrow

# macroscripts

Description	Hotkey/ Keyboard Shortcut
Add/Edit Parameters... (TV)	Ctrl+1
Cap (Poly)	Alt+P
Collapse (Poly)	Alt+Ctrl+C
Collect Parameters SV	Alt+3
Collect Parameters TV	Alt+4
Create Camera From View	Ctrl+C
Cut (Poly)	Alt+C
Extrude Face (Poly)	Alt+E
Geometry Selection Visibility Toggle	Alt+G
Isolate Selection	Alt+Q
Meshsmooth (Poly)	Ctrl+M
Parameter Collector	Alt+2
Parameter Editor	Alt+1
Parameter Wiring Dialog...	Alt+5
Render to Texture Dialog Toggle	0
Smart Scale	R
Smart Select	Q
Start Parameter Wiring...	Ctrl+5
Sub-Object Level 1	1
Sub-Object Level 2	2

Description	Hotkey/ Keyboard Shortcut
Sub-Object Level 3	3
Sub-Object Level 4	4
Sub-object Level 5	5
WalkThrough View Mode	Up Arrow

## quad menu sets

Description	Hotkey/ Keyboard Shortcut
Animation	[Alt+RMB]
Custom	[Shift+Ctrl+Alt+RMB]
Custom	[Shift+Ctrl+RMB]
Lighting   Render	[Ctrl+Alt+RMB]
Modeling	[Ctrl+RMB]
reactor	[Shift+Alt+RMB]
Snap	[Shift+RMB]
Viewports	V

## snap action table

Description	Hotkey/ Keyboard Shortcut
Snap To Edge/Segment Toggle	Alt+F10
Snap To Endpoint Toggle	Alt+F8
Snap To Face Toggle	Alt+F11
Snap To Grid Points Toggle	Alt+F5
Snap To Midpoint Toggle	Alt+F9
Snap To Pivot Toggle	Alt+F6
Snap To Vertex Toggle	Alt+F7

