

Autodesk VIZ

ESSENTIAL KEYBOARD SHORTCUTS COLLECTOR'S CARD

VIZ 2008

These are Autodesk VIZ 2008's default keyboard shortcuts, but you can customize them to suit your tastes.

FILE MENU

| | |
|---------|---------------|
| New... | Ctrl+N |
| Open... | Ctrl+O |
| Save | Ctrl+S |

EDIT MENU

| | |
|------------------------------|-------------------|
| Undo | Ctrl+Z |
| Redo | Ctrl+Y |
| Hold | Alt+Ctrl+H |
| Fetch | Alt+Ctrl+F |
| DeSelection Lock Toggle/lete | Delete |
| Clone | Ctrl+ |
| Select and Move | W |
| Select and Rotate | E |
| Transform Type-In... | F12 |
| Select All | Ctrl+A |
| Select None | Ctrl+D |
| Select Invert | Ctrl+I |
| Select By Name | H |

TOOLS MENU

| | |
|-------------------|----------------|
| Align... | Alt+A |
| Spacing Tool... | Shift+I |
| Normal Align... | Alt+N |
| Isolate Selection | Alt+O |

GROUP MENU

| | |
|-------|----------------|
| Group | Shift+G |
| Open | Alt+G |
| Close | Ctrl+G |

VIEWS MENU

| | |
|-----------------------------|-------------------------|
| Undo View Change | Shift+Z |
| Redo View Change | Shift+Y |
| Viewport Background | Alt+B |
| Update Background Image | Alt+Shift+Ctrl+B |
| Create Camera From View | Ctrl+C |
| Adaptive Degradation Toggle | O |
| Object Display Culling | Alt+O |
| Expert Mode | Ctrl+X |

RENDERING MENU

| | |
|-----------|------------|
| Render... | F10 |
|-----------|------------|

| | |
|----------------------|----------|
| Environment... | 8 |
| Render To Texture... | 0 |
| Material Editor... | M |

CUSTOMIZE MENU

| | |
|-------------------|--------------|
| Show Main Toolbar | Alt+6 |
| Lock UI Layout | Alt+0 |

MAXSCRIPT MENU

| | |
|-----------------------|------------|
| MAXScript Listener... | F11 |
|-----------------------|------------|

MAIN UI

| | |
|-------------------------------|---------------------|
| 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 | , |
| Forward Time One Unit | . |
| Bottom View | B |
| Camera View | C |
| Cycle Active Snap Type | Alt+S |
| Cycle Selection Method | Ctrl+ |
| Cycle Snap Hit | Alt+Shift+S |
| Default Lighting Toggle | Ctrl+L |
| Disable Viewport | D |
| Display as See-Through Toggle | Alt+X |
| 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 Shapes Toggle | Shift+S |
| Isometric User View | U |
| Left View | L |
| Maximize Viewport Toggle | Alt+W |
| Pan View | Ctrl+P |
| Pan Viewport to Cursor | I |
| Percent Snap Toggle | Shift+Ctrl+P |



| | | | |
|--------------------------------------|----------------------|----------------------------------|-------------------------|
| Perspective User View | P | Zoom Region Mode | Ctrl+W |
| Place Highlight | Ctrl+H | Zoom Viewport In | [|
| Play Animation | / | Zoom Viewport Out |) |
| Quick Align | Shift+A | MATERIAL EDITOR | |
| Quick Render | Shift+Q | Background | B |
| Redraw All Views | ` | Backlight | L |
| Render Last | F9 | Cycle 3X2, 5X3, 6X4 Sample Slots | X |
| Restrict Plane Cycle | F8 | Get Material | G |
| Restrict to X | F5 | Go Backward to Sibling | Left Arrow |
| Restrict to Y | F6 | Go Forward to Sibling | Right Arrow |
| Restrict to Z | F7 | Go to Parent | Up Arrow |
| Save Incremental | (+) | Make Preview | P |
| Scale Cycle | Ctrl+E | Options | O |
| Select All | Ctrl+A | ACTIVESHADER | |
| Select Ancestor | Page Up | Initialize | P |
| Select and Move | W | EDIT POLY | |
| Select and Rotate | E | Affect Backfacing | Ctrl+F |
| Select Child | Page Down | Align To Grid | G |
| Select Children | Ctrl+PageDown | Align To View | V |
| Select Similar | Ctrl+Q | Attach List | Shift+Ctrl+A |
| Selection Lock Toggle | Space | Attach | Shift+A |
| Set Key Mode | ' | Auto Smooth | A |
| Set Keys | K | Bevel Mode | B |
| Shade Selected Faces Toggle | F2 | Bevel Settings | Ctrl+B |
| Show Safeframes Toggle | Shift+F | Border Level | 3 |
| Show Selection Bracket Toggle | J | Break | Shift+B |
| Show Tab Panel Toggle | Y | Bridge Settings | Alt+Shift+Ctrl+B |
| Snap To Frozen Objects Toggle | Alt+F2 | Bridge | Alt+Shift+B |
| Snaps Toggle | S | Cap | Alt+P |
| Snaps Use Axis Constraints Toggle | Alt+F3, Alt+D | Chamfer Mode | Alt+C |
| Sound Toggle | \ | Chamfer Settings | Alt+Ctrl+C |
| Spot/Directional Light View | Shift+4 | Collapse | Shift+L |
| Sub-object Level Cycle | Insert | Connect Edge Settings | Ctrl+N |
| Sub-object Selection Toggle | Ctrl+B | Connect | N |
| Top View | T | Constrain to Edges | X |
| Transform Gizmo Size Down | - | Constrain to Faces | Shift+X |
| Transform Gizmo Size Up | = | Create Shape From Edges | Shift+M |
| Transform Gizmo Toggle | X | Create | C |
| View Edged Faces Toggle | F4 | Cut | Shift+C |
| Virtual Viewport Pan Down | NumPad 2 | Detach | Ctrl+D |
| Virtual Viewport Pan Left | NumPad 4 | Edge Level | 2 |
| Virtual Viewport Pan Right | NumPad 6 | Edit Triangulation Mode | Shift+T |
| Virtual Viewport Pan Up | NumPad 8 | Element Level | 5 |
| Virtual Viewport Toggle | NumPad / | Extrude along Spline Mode | Shift+E |
| Virtual Viewport Zoom In | NumPad + | Extrude along Spline Settings | Shift+Ctrl+E |
| Virtual Viewport Zoom Out | NumPad - | Extrude Mode | E |
| Wireframe / Smooth+Highlights Toggle | F3 | Extrude Settings | Ctrl+E |
| Zoom Extents All Selected | Z | Flip Normals | F |
| Zoom Extents | Shift+Ctrl+Z | Grow Selection | Page Up |
| Zoom Extents | Alt+Ctrl+Z | Hide Unselected | Shift+ |
| Zoom Mode | Alt+Z | Hide | H |
| | | Hinge from Edge Mode | L |
| | | Hinge from Edge Settings | Ctrl+L |
| | | Ignore Backfacing in Selections | Alt+l |
| | | Insert Vertex Mode | Shift+l |
| | | Inset Mode | I |
| | | Inset Settings | Ctrl+l |
| | | Make Planar | P |
| | | MeshSmooth Settings | Ctrl+M |

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| | |
|----------------------------|-------------------------|
| MeshSmooth | M |
| Object Level | 6 |
| Outline Mode | O |
| Outline Settings | Ctrl+O |
| Polygon Level | 4 |
| Quickslice Mode | Q |
| Remove Isolated Vertices | Shift+Ctrl+R |
| Remove Unused Map Vertices | Alt+Shift+Ctrl+R |
| Remove | Shift+R |
| Repeat Last Operation | R |
| Transform Degradate | Alt+S |
| Retriangulate | Shift+Ctrl+T |
| Select By Vertex | Alt+V |
| Select Edge Loop | Alt+L |
| Select Edge Ring | Alt+R |
| Shaded Face Toggle | Alt+F |
| Shrink Selection | Page Down |
| Slice Plane Mode | S |
| Slice | Shift+S |
| Split Edges | Shift+P |
| Tessellate Settings | Ctrl+T |
| Tessellate | T |
| Unhide All | U |
| Use Soft Selection | Ctrl+S |
| Vertex Level | 1 |
| Weld Mode | W |
| Weld Settings | Ctrl+W |

EDITABLE POLY

| | |
|-----------------------|-----------------------|
| 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+Page Up |
| 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+Page Down |
| Unhide All | Alt+U |
| Vertex Level | 1 |
| Weld Mode | Shift+Ctrl+W |

EDITABLE MESH

| | |
|------------------|-----------------------|
| Bevel Mode | Ctrl+V, Ctrl+B |
| Chamfer Mode | Ctrl+C |
| Cut Mode | Alt+T |
| 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 |

FFD

| | |
|-------------------------------|--------------------|
| 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 |

MACRO SCRIPTS

| | |
|----------------------|------------------------------|
| Asset Tracking... | Shift+T |
| Cap (Poly) | Alt+P |
| Collapse (Poly) | Alt+Ctrl+C |
| Cut (Poly) | Alt+Ctrl+C |
| Extrude Face (Poly) | Alt+E |
| Meshsmooth (Poly) | Ctrl+M |
| Render Preset Slot A | (shift+click to save) |
| Render Preset Slot B | (shift+click to save) |
| Render Preset Slot C | (shift+click to save) |
| Smart Scale | R |
| Sub-Object Level 1 | 1 |
| Sub-Object Level 2 | 2 |
| Sub-Object Level 3 | 3 |
| Sub-Object Level 4 | 4 |
| Sub-Object Level 5 | 5 |

NURBS

| | |
|---------------------------------|-------------------------|
| 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 |
| Soft Selection | Ctrl+S |
| Switch To Curve CV Level | Alt+Shift+Z |

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| | |
|----------------------------|--------------------|
| 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 |

REACTION MANAGER

| | |
|-------------------|---------------|
| Set Max Influence | Ctrl+I |
| Set Min Influence | Alt+I |

SCHEMATIC VIEW

| | |
|-----------------------|--------------------|
| 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 |

SNAPS ACTION TABLE

| | |
|-----------------------------|----------------|
| 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 |

TONE OPERATOR ACTION TABLE

| | |
|-------------------------|----------|
| Advanced Lighting Panel | 9 |
|-------------------------|----------|

TRACK VIEW

| | |
|---------------------------|-------------------|
| 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 |
| Scroll Up | Ctrl+Up Arrow |
| Snap Frames | S |
| Zoom Horizontal Extents Keys | Alt+X |
| Zoom | X |

UNWRAP UVW

| | |
|-----------------------------------|-------------------------|
| 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 |
| 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 |
| Snap | Ctrl+S |
| Texture Vertex Contract Selection | NumPad -, = |
| Texture Vertex Expand Selection | NumPad +, = |
| Texture Vertex Expand Selection | NumPad +, = |
| Texture Vertex Move Mode | Q |
| Texture Vertex Rotate Mode | Ctrl+R |
| 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 |

WALKTHROUGH

| | |
|---------------------------------|----------------------------|
| Accelerate Toggle | Q |
| Back | S, Down Arrow |
| Decelerate Toggle | Z |
| Decrease Rotation Sensitivity | - |
| Decrease Step Size | [|
| Down | C, Shift+Down Arrow |
| Forward | W, Up Arrow |
| Increase Rotation Sensitivity | = |
| Increase Step Size |] |
| Invert Vertical Rotation Toggle | I |
| Left | A, Left Arrow |
| Level | L, Shift+Space |
| Lock Horizontal Rotation | H |
| Lock Vertical Rotation | V, Space |
| Reset Step Size | Alt+[|
| Right | D, Right Arrow |
| Up | E, Shift+Up Arrow |

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