### LEGEND color: Color(r.9.b.a=255) vec: Vector3 / Vector4 mat: Matrix tex: Material / RTT / texture handle rtt: Render Target texHandle: texture handle eyelatium: Vector3 key: "a" or KEY\_SPACE etc. su.tv: UV coordinates (floats) nx.ny.nz: normals: EVENTS \_init() \_shutdown() Lupdate(dt) \_render() \_render2DO BASE ShowMessage(caption, text) LogString(text) ExitGame() RestartGame() IsDebu9Mode() SetFPS(fps) dofile(scriptName) loadfile(fileName) 9etTime() MATH Color(r.9.b.a=255) ColorLinear(r.9.b.a=1.0) str2vec(text)

vec2str(vec)

#### MATRIX Matrix() translate(x.9.z) rotate(x,y,z) scale(x,9,z) inverse() shadow(planeVec.li9htVec) reflect(planeVec) lookAt(eye.at.up) m(row.col) row(index) col(index) bind(kind) VECTOR Vector3(x,y,z) Vector4(x,9,z,w) cross(vec) get() colorO ma9O ma9590 lerp(b,t) ne9() normalize() m(index.val) x0,90,z0,w0 RENDERER ClearScene(color) CameraPerspective(fov.near.far.flipLH) CameraOrthographic(w.h.near.fart.flipLH) BindTexture(tex) GetResolution() GetMatrix(kind) IsFocused() RenderState(kind.state) ToggleWireframe(state)

## NEON86

SetFog(color.kind.start.end) draw(mat) SetFog(color.kind.density) drawSubset(index, mat) ClearFo9() 9etMeshes() SamplerState(stage.kind.state) getMeshParts() EnableLi9htin9(state) 9etLi9hts() AmbientColor(color) getTargets() ClearTar9et() 9etNodes() DrawBox(mat.dims.color) findMesh(name) DrawQuad(x1,x2,91,92,color,flipY) findLi9ht(name) CullMode(mode) findTar9et(name) FillScreen(color,flipY) findNode(name) RegisterFontFile(path) getMeta(name) SCENE MESH |Scene(modelName.loadMaterials=true.optimizeMesh=false) MeshO draw(mat) addFGroup(part) drawSubset(index.mat) addPart(part) loadModel(modelName.loadMaterials=true.optimizeMesh=false) draw(mat) loadScene(modelName.loadMaterials=true.optimizeMesh=false) clone() getMeshes() 9etFGroups() 9etLi9hts() 9etParts() 9etFlattenNodes() clearO 9etTar9ets() setName(name) findMesh(name) 9etName() findLight(name) setMaterial(stage.tex) findTar9et(name) 9etMaterial(stage) getRootNode() PART / FACEGROUP NODE FaceGroup() Node() clone() cloneO addVertex(vert) getName() addIndex(index) setName(name) addTrian9le(a.b.c) 9etTransform() setMaterial(stage.mat) setTransform(mat) 9etMaterial(stage) 9etFinalTransform() 9etMaterialSta9e() addNode(node) draw(mat) addMesh(mesh)

	To all are	-
	buildO calcNormalsO	
	clear()	
	GetVertices()	
	getIndices()	
lui.	ATERIAL	
1-1	Material()	
	Material(textureName)	
	Material(w.h)	
	setSamplerState(sampler.state)	
	getSamplerState(sampler)	
	loadFile(textureName)	
	res()	
	dataO	
	getHandle(slot)	
	setHandle(slot.texHandle)	
	setDiffuse(color)	L
	setAmbient(color)	
	setSpecular(color)	
	setEmission(color)	
	setPower(val)	
	setOpacity(val)	
	alphaIsTransparency(state)	
	setShaded(state)	
٧	ERTEX	
	Vertex(x.y.z.su.tv.color.nx.ny.nz)	
	get()	
F	ONT	
	Font(fontFamily.size.boldness.italic)	
	drawText(color.text.x.y.w=0.h=0)	
R	ENDER TARGET	
	RenderTar9et()	
	RenderTar9et(w.h)	
	RenderTar9et(w.h.hasDepth=false)	
	9etHandle()	I
	bind()	

#### FFECT Effect(effectPath) begin(technique) endO.flushO beginPass(pass) endPass() commitO setBool(name.val) setFloat(name.val) setMatrix(name.mat) setVector3(name.vec) setVector4(name.vec) setInteger(name,val) setTexture(name.texHandle) setTexture(name.slot.mat) setTexture(name.rtt) IGHT Light(slot) enable(state.slot) setPosition(vec) setDirection(vec) setDiffuse(color) setSpecular(color) setAmbient(color) setRan9e(val) setFalloff(val) setAttenuation(a,b,c) setInnerAngle(val) setOuterAngle(val) setType(kind) setSlot(slot) 9etType() 9etSlot()

#### INPUT

GetKey(key) GetKeyDown(key)

## NEON86

GetKeyUp(key)

GetMouseXYO

GetMouseDelta()

SetMouseXY(x,9)

GetMouse(button)

GetMouseDown(button)

GetMouseUp(button)

IsCursorVisible()

ShowCursor(state)

GetCursorMode()

SetCursorMode(mode)

ShowCursor(state)

#### **GLOBALS**

#### RENDERER

PRIMITIVEKIND\_POINTLIST

PRIMITIVEKIND\_LINELIST

PRIMITIVEKIND\_LINESTRIP

PRIMITIVEKIND\_TRIANGLELIST

PRIMITIVEKIND\_TRIANGLESTRIP

PRIMITIVEKIND\_TRIANGLEFAN

MATRIXKIND\_VIEW

MATRIXKIND\_PROJECTION

MATRIXKIND\_TEXTURE0

MATRIXKIND\_TEXTURE1

MATRIXKIND\_TEXTURE2

MATRIXKIND\_TEXTURE3

MATRIXKIND\_TEXTURE4

MATRIXKIND\_TEXTURE5

MATRIXKIND\_TEXTURE6

MATRIXKIND\_TEXTURE7

MATRIXKIND\_WORLD

CLEARFLAG\_COLOR

CLEARFLAG\_DEPTH

CLEARFLAG\_STENCIL

#### CLEARFLAG\_STANDARD

TEXTURESLOT\_ALBEDO

TEXTURESLOT\_SPECULAR

TEXTURESLOT\_NORMAL

TEXTURESLOT\_DISPLACE

TEXTURESLOT\_USER\_END

MAX\_TEXTURE\_SLOTS

FOGKIND\_NONE

FOGKIND\_EXP

FOGKIND\_EXP2

FOGKIND\_LINEAR

WORLD

VIEW

PROJ

CULLKIND\_NONE

CULLKIND\_CW

CULLKINDLCCW

LIGHTKIND\_DIRECTIONAL

LIGHTKIND\_POINT

LIGHTKIND\_SPOT

RENDERSTATE\_ZENABLE

RENDERSTATE\_FILLMODE

RENDERSTATE\_SHADEMODE

RENDERSTATE\_ZWRITEENABLE

RENDERSTATE\_ALPHATESTENABLE

RENDERSTATE\_LASTPIXEL

RENDERSTATE\_SRCBLEND

RENDERSTATE\_DESTBLEND

RENDERSTATE\_CULLMODE

RENDERSTATE\_ZFUNC

RENDERSTATE\_ALPHAREF



RENDERSTATE\_ALPHAFUNC

RENDERSTATE\_DITHERENABLE

RENDERSTATE\_ALPHABLENDENABLE

RENDERSTATE\_FOGENABLE

RENDERSTATE\_SPECULARENABLE

RENDERSTATE\_FOGCOLOR

RENDERSTATE\_FOGTABLEMODE

RENDERSTATE\_FOGSTART

RENDERSTATE\_FOGEND

RENDERSTATE\_FOGDENSITY

RENDERSTATE\_RANGEFOGENABLE

RENDERSTATE\_STENCILENABLE

RENDERSTATE\_STENCILFAIL

RENDERSTATE\_STENCILZFAIL

RENDERSTATE\_STENCILPASS

RENDERSTATE\_STENCILFUNC

RENDERSTATE\_STENCILREF

RENDERSTATE\_STENCILMASK

RENDERSTATE\_STENCILWRITEMASK

RENDERSTATE\_TEXTUREFACTOR

RENDERSTATE\_WRAP@

RENDERSTATE\_WRAP1

RENDERSTATE\_WRAP2

RENDERSTATE\_WRAP3

RENDERSTATE\_WRAP4

RENDERSTATE\_WRAP5

RENDERSTATE\_WRAP6

RENDERSTATE\_WRAP7

RENDERSTATE\_CLIPPING

RENDERSTATE\_LIGHTING

RENDERSTATE\_AMBIENT

RENDERSTATE\_FOGVERTEXMODE

RENDERSTATE\_COLORVERTEX

RENDERSTATE\_LOCALVIEWER

RENDERSTATE\_NORMALIZENORMALS

RENDERSTATE\_DIFFUSEMATERIALSOURCE

RENDERSTATE\_SPECULARMATERIALSOURCE

RENDERSTATE\_AMBIENTMATERIALSOURCE

RENDERSTATE\_EMISSIVEMATERIALSOURCE

RENDERSTATE\_VERTEXBLEND

RENDERSTATE\_CLIPPLANEENABLE

RENDERSTATE\_POINTSIZE

RENDERSTATE\_POINTSIZE\_MIN

RENDERSTATE\_POINTSPRITEENABLE

RENDERSTATE\_POINTSCALEENABLE

RENDERSTATE\_POINTSCALE\_A

RENDERSTATE\_POINTSCALE\_B

RENDERSTATE\_POINTSCALE\_C

RENDERSTATE\_MULTISAMPLEANTIALIAS

RENDERSTATE\_MULTISAMPLEMASK

RENDERSTATE\_PATCHEDGESTYLE

RENDERSTATE\_DEBUGMONITORTOKEN

RENDERSTATE\_POINTSIZE\_MAX

RENDERSTATE\_INDEXEDVERTEXBLENDENABLE

RENDERSTATE\_COLORWRITEENABLE

RENDERSTATE\_TWEENFACTOR

RENDERSTATE\_BLENDOP

RENDERSTATE\_NORMALDEGREE

RENDERSTATE\_SCISSORTESTENABLE

RENDERSTATE\_SLOPESCALEDEPTHBIAS

RENDERSTATE\_ANTIALIASEDLINEENABLE

RENDERSTATE\_MINTESSELLATIONLEVEL

RENDERSTATE\_MAXTESSELLATIONLEVEL

RENDERSTATE\_ADAPTIVETESS\_X

RENDERSTATE\_ADAPTIVETESS\_Y

RENDERSTATE\_ADAPTIVETESS\_Z

RENDERSTATE\_ADAPTIVETESS\_W

RENDERSTATE\_ENABLEADAPTIVETESSELLATION

RENDERSTATE\_TWOSIDEDSTENCILMODE

RENDERSTATE\_CCW\_STENCILFAIL

RENDERSTATE\_CCW\_STENCILZFAIL

RENDERSTATE\_CCW\_STENCILPASS

RENDERSTATE\_CCW\_STENCILFUNC

RENDERSTATE\_COLORWRITEENABLE1

TEXF\_ANISOTROPIC

TEXF\_PYRAMIDALQUAD

TEXF\_GAUSSIANQUAD RENDERSTATE\_COLORWRITEENABLE2 RENDERSTATE\_COLORWRITEENABLE3 RENDERSTATE\_BLENDFACTOR TEXA\_WRAP RENDERSTATE\_SRGBWRITEENABLE TEXA\_MIRROR RENDERSTATE\_DEPTHBIAS TEXA\_CLAMP RENDERSTATE\_WRAP8 TEXA\_BORDER RENDERSTATE\_WRAP9 TEXA\_MIRRORONCE RENDERSTATE\_WRAP10 INPUT MOUSE\_LEFT\_BUTTON RENDERSTATE\_WRAP11 MOUSE\_MIDDLE\_BUTTON RENDERSTATE\_WRAP12 MOUSE\_RIGHT\_BUTTON RENDERSTATE\_WRAP13 RENDERSTATE\_WRAP14 MOUSE\_WHEEL\_UP MOUSE\_WHEEL\_DOWN RENDERSTATE\_WRAP15 RENDERSTATE\_SEPARATEALPHABLENDENABLE RENDERSTATE\_SRCBLENDALPHA CURSORMODE\_DEFAULT CURSORMODE\_CENTERED RENDERSTATE\_DESTBLENDALPHA CURSORMODE\_WRAPPED RENDERSTATE\_BLENDOPALPHA SAMPLERSTATE\_ADDRESSU KEY\_LBUTTON SAMPLERSTATE\_ADDRESSV KEY\_RBUTTON SAMPLERSTATE\_ADDRESSW KEY\_CANCEL KEY\_MBUTTON SAMPLERSTATE\_BORDERCOLOR KEY\_XBUTTON1 SAMPLERSTATE\_MAGFILTER KEY\_XBUTTON2 SAMPLERSTATE\_MINFILTER KEY\_BACK SAMPLERSTATE\_MIPFILTER SAMPLERSTATE\_MIPMAPLODBIAS KEY\_TAB SAMPLERSTATE\_MAXMIPLEVEL KEY\_CLEAR KEY\_RETURN SAMPLERSTATE\_MAXANISOTROPY **KEY\_SHIFT** SAMPLERSTATE\_SRGBTEXTURE SAMPLERSTATE\_ELEMENTINDEX KEY\_CONTROL KEY\_MENU SAMPLERSTATE\_DMAPOFFSET KEY\_PAUSE KEY\_CAPITAL TEXF\_NONE KEY\_KANA TEXF\_POINT KEY\_HANGEUL TEXF\_LINEAR

**KEY\_HANGUL** 

KEY\_JUNJA

KEY_HINIA         KEY_MULTIPLY           KEY_KRNJI         KEY_ROD           KEY_ESCAPE         KEY_SPRATTOR           KEY_COMERT         KEY_SUBTRACT           KEY_NONCONVERT         KEY_DECIMAL           KEY_ACCEPT         KEY_DIVIDE           KEY_MODECHANGE         KEY_F1           KEY_ARCE         KEY_F2           KEY_ARCE         KEY_F3           KEY_ARCE         KEY_F7           KEY_ARCE         KEY_F7           KEY_ARCE         KEY_F7           KEY_ARCE         KEY_F8           KEY_ARCE         KEY_F9           KEY_ARCE         KEY_F1           KEY_ARCE         KEY_F1           KEY_ARCE         KEY_F1           KEY_ARCE         KEY_F1           KEY_ARCE         KEY_F1           KEY_ARCE         KEY_F1     <	KEY_FINAL	KEH NUMBOBO
KEYLKRNUT         KEYLESCARE           KEYLESCARE         KEYLESCAREARTOR           KEYLCONVERT         KEYLSUBTRATOR           KEYLONOCONWERT         KEYLDUTOE           KEYLROCEPT         KEYLDUTOE           KEYLRODECHANGE         KEYLFI           KEYLROR         KEYLF2           KEYLROR         KEYLF3           KEYLROR         KEYLF3           KEYLROR         KEYLF6           KEYLHOME         KEYLF6           KEYLHOME         KEYLF7           KEYLHOME         KEYLF8           KEYLHOM         KEYLF8           KEYLBOR         KEYLF9           KEYLBOR         KEYLF9           KEYLBOR         KEYLF10           KEYLBOR         KEYLF10           KEYLBOR         KEYLF10           KEYLBOR         KEYLF11           KEYLBOR         KEYLF11           KEYLBOR         KEYLF12           KEYLBOR         KEYLF13           KEYLBOR         KEYLF14           KEYLBOR         KEYLF15           KEYLBOR         KEYLF16           KEYLBOR         KEYLF17           KEYLBOR         KEYLF18           KEYLBOR         KEYLBOR		
KEY_ESCAPE         KEY_SUBTRACT           KEY_LONVERT         KEY_SUBTRACT           KEY_NONCONVERT         KEY_DUE           KEY_NODECHANGE         KEY_DI           KEY_SPACE         KEY_F2           KEY_PRIOR         KEY_F3           KEY_LEND         KEY_F4           KEY_LEND         KEY_F5           KEY_HOME         KEY_F6           KEY_LEND         KEY_F6           KEY_LEND         KEY_F7           KEY_LUP         KEY_F8           KEY_LEND         KEY_F8           KEY_ROUN         KEY_F9           KEY_F10         KEY_F10           KEY_SPINT         KEY_F11           KEY_SPINT         KEY_F12           KEY_EXECUTE         KEY_F13           KEY_SPINT         KEY_F14           KEY_SPINT         KEY_F16           KEY_SPINT         KEY_F16           KEY_HELP         KEY_F16           KEY_HELP         KEY_F16           KEY_HELP         KEY_F17           KEY_HELP         KEY_F20           KEY_SPINT         KEY_F21           KEY_HELP         KEY_F21           KEY_HELP         KEY_F21           KEY_HELP         KEY_F22		
KEY_CONVERT         KEY_BORCONVERT           KEY_ARCCEPT         KEY_DIVIDE           KEY_ARCCEPT         KEY_DIVIDE           KEY_ARCCEPT         KEY_FI           KEY_SPACE         KEY_FI           KEY_PRIOR         KEY_F3           KEY_NEXT         KEY_F3           KEY_HEXT         KEY_F5           KEY_HOME         KEY_F6           KEY_LEPT         KEY_F6           KEY_LEPT         KEY_F7           KEY_UP         KEY_F8           KEY_LEPT         KEY_F9           KEY_LOWN         KEY_F9           KEY_LOWN         KEY_F10           KEY_F10         KEY_F11           KEY_F11         KEY_F12           KEY_F11         KEY_F12           KEY_SELECT         KEY_F13           KEY_SELECT         KEY_F13           KEY_SELECT         KEY_F14           KEY_LISERT         KEY_F14           KEY_LISERT         KEY_F14           KEY_LISERT         KEY_F16           KEY_LISER         KEY_F17           KEY_LISER         KEY_F17           KEY_LISER         KEY_F18           KEY_LISER         KEY_F19           KEY_LISER         KEY_F20 </td <td></td> <td></td>		
KEY_NONCONVERT         KEY_DECIMAL           KEY_ACCEPT         KEY_DIVIDE           KEY_MODECHANGE         KEY_F1           KEY_SPRCE         KEY_F2           KEY_NEXT         KEY_F3           KEY_LEST         KEY_F3           KEY_LEND         KEY_F5           KEY_LOME         KEY_F6           KEY_LEFT         KEY_F7           KEY_LEFT         KEY_F8           KEY_LEFT         KEY_F8           KEY_LOW         KEY_F8           KEY_LEST         KEY_F9           KEY_LEST         KEY_F9           KEY_LEST         KEY_F1           KEY_LEST         KEY_F1           KEY_LEST         KEY_F1           KEY_LEST         KEY_F13           KEY_LEST         KEY_F13           KEY_LEST         KEY_F13           KEY_LEST         KEY_F14           KEY_LEST         KEY_F15           KEY_LEST         KEY_F15           KEY_LEST         KEY_F16           KEY_LEST         KEY_F17           KEY_LEST         KEY_F18           KEY_LEST         KEY_F19           KEY_LEST         KEY_F19           KEY_LEST         KEY_F20		
KEY_ACCEPT         KEY_DIVIDE           KEY_MODECHANGE         KEY_F1           KEY_SPACE         KEY_F2           KEY_PRTOR         KEY_F3           KEY_NEXT         KEY_F4           KEY_LED         KEY_F5           KEY_LED         KEY_F6           KEY_LED         KEY_F7           KEY_LEFT         KEY_F7           KEY_LDP         KEY_F8           KEY_LEGHT         KEY_F9           KEY_LEGHT         KEY_F9           KEY_LEGUT         KEY_F1           KEY_EXECUTE         KEY_F1           KEY_EXECUTE         KEY_F13           KEY_EXECUTE         KEY_F13           KEY_LINSERT         KEY_F16           KEY_LET         KEY_F16           KEY_LET         KEY_F16           KEY_LET         KEY_F17           KEY_LET         KEY_F18           KEY_LET         KEY_F18           KEY_LET         KEY_F20           KEY_LET         KEY_F21           KEY_LET         KEY_F23           KEY_LET         KEY_F23           KEY_LUMPAD3         KEY_LET           KEY_LUMPAD4         KEY_LET           KEY_LET         KEY_LET <tr< td=""><td></td><td></td></tr<>		
KEY_MODECHANGE         KEY_F1           KEY_SPROE         KEY_F2           KEY_PRIOR         KEY_F3           KEY_NEXT         KEY_F4           KEY_END         KEY_F5           KEY_HOME         KEY_F6           KEY_LEFT         KEY_F7           KEY_UP         KEY_F8           KEY_LOW         KEY_F8           KEY_LOWN         KEY_F18           KEY_SELECT         KEY_F18           KEY_SELECT         KEY_F11           KEY_SEXEOUTE         KEY_F13           KEY_SEXEOUTE         KEY_F13           KEY_SEXEOUTE         KEY_F15           KEY_SEXEOUTE         KEY_F15           KEY_LOBLETE         KEY_F16           KEY_F15         KEY_F16           KEY_F16         KEY_F17           KEY_HELP         KEY_F18           KEY_F17         KEY_F18           KEY_F18         KEY_F19           KEY_F19         KEY_F18           KEY_F19         KEY_F19           KEY_F18         KEY_F20           KEY_F19         KEY_F21           KEY_F19         KEY_F22           KEY_NUMPAD0         KEY_F22           KEY_NUMPAD1         KEY_NUMPAD1		
KEY_SPACE         KEY_F2           KEY_NEXT         KEY_F3           KEY_NEXT         KEY_F4           KEY_LEND         KEY_F5           KEY_LEFT         KEY_F7           KEY_LEFT         KEY_F7           KEY_LOP         KEY_F3           KEY_LOW         KEY_F3           KEY_LOWN         KEY_F3           KEY_SALECT         KEY_F10           KEY_SELECT         KEY_F11           KEY_EXECUTE         KEY_F13           KEY_EXECUTE         KEY_F13           KEY_SAPSHOT         KEY_F14           KEY_INESERT         KEY_F15           KEY_HELP         KEY_F16           KEY_HELP         KEY_F17           KEY_LEVIN         KEY_F18           KEY_LEVIN         KEY_F19           KEY_REY_EX         KEY_F20           KEY_LOWN         KEY_F21           KEY_LOWN         KEY_F22           KEY_LOWN         KEY_F22           KEY_LOWN         KEY_F23           KEY_LOWN         KEY_LOWN           KEY_LOWN         KEY_LOWN           KEY_LOWN         KEY_LOWN           KEY_LOWN         KEY_LOWN           KEY_LOWN         KEY_LOWN		
KEY_PRIOR         KEY_F3           KEY_END         KEY_F6           KEY_HOME         KEY_F6           KEY_LEFT         KEY_F7           KEY_UP         KEY_F8           KEY_SELECT         KEY_F10           KEY_F10         KEY_F11           KEY_EXECUTE         KEY_F13           KEY_EXECUTE         KEY_F13           KEY_SHAPSHOT         KEY_F14           KEY_F15         KEY_F15           KEY_F16         KEY_F16           KEY_HELP         KEY_F17           KEY_LEBIN         KEY_F18           KEY_HELP         KEY_F18           KEY_F18         KEY_F19           KEY_HELP         KEY_F19           KEY_F19         KEY_F20           KEY_F20         KEY_F21           KEY_SLEEP         KEY_F22           KEY_HOMPAD0         KEY_F22           KEY_HUMPAD1         KEY_F23           KEY_HUMPAD3         KEY_HAVIGATION_UEW           KEY_HUMPAD4         KEY_HAVIGATION_UEW           KEY_HUMPAD5         KEY_HAVIGATION_LEFT           KEY_HUMPAD6         KEY_HAVIGATION_LEFT		
KEY_NEXT         KEY_F4           KEY_END         KEY_F5           KEY_HOME         KEY_F6           KEY_LEFT         KEY_F7           KEY_LEFT         KEY_F8           KEY_LEFT         KEY_F8           KEY_LEFT         KEY_F8           KEY_LECT         KEY_F10           KEY_SELECT         KEY_F11           KEY_EXECUTE         KEY_F12           KEY_ENDELET         KEY_F13           KEY_SELET         KEY_F14           KEY_INSERT         KEY_F15           KEY_BELET         KEY_F16           KEY_F16         KEY_F17           KEY_HELP         KEY_F17           KEY_HELP         KEY_F18           KEY_F18         KEY_F18           KEY_F19         KEY_F19           KEY_SELEP         KEY_F20           KEY_SELEP         KEY_F21           KEY_NUMPAD0         KEY_F22           KEY_NUMPAD1         KEY_F24           KEY_NUMPAD3         KEY_NAVIGATION_UEW           KEY_NUMPAD6         KEY_NAVIGATION_UEW           KEY_NUMPAD6         KEY_NAVIGATION_LEFT           KEY_NUMPAD6         KEY_NAVIGATION_LEFT		
KEY_END       KEY_F5         KEY_LEFT       KEY_F7         KEY_UP       KEY_F7         KEY_UP       KEY_F8         KEY_RIGHT       KEY_F9         KEY_DOWN       KEY_F10         KEY_SELECT       KEY_F11         KEY_EXECUTE       KEY_F12         KEY_EXECUTE       KEY_F13         KEY_SHAPSHOT       KEY_F14         KEY_SHE       KEY_F15         KEY_BELETE       KEY_F16         KEY_HELP       KEY_F17         KEY_LEWIN       KEY_F18         KEY_SHUNN       KEY_F18         KEY_SEPS       KEY_F20         KEY_SEPS       KEY_F21         KEY_SLEEP       KEY_F21         KEY_NUMPAD0       KEY_F22         KEY_NUMPAD1       KEY_F23         KEY_NUMPAD3       KEY_NAVIGATION_UP         KEY_NUMPAD6       KEY_NAVIGATION_LUP         KEY_NUMPAD6       KEY_NAVIGATION_LUP         KEY_NUMPAD7       KEY_NAVIGATION_LEFT		
KEYLHOME         KEYLF6           KEYLLEFT         KEYLF7           KEYLUP         KEYLF8           KEYLRIGHT         KEYLF9           KEYLDOWN         KEYLF10           KEYLSELECT         KEYLF11           KEYLF11         KEYLF12           KEYLEXECUTE         KEYLF13           KEYLSHAPSHOT         KEYLF14           KEYLINSERT         KEYLF15           KEYLBLETE         KEYLF16           KEYLHELP         KEYLF17           KEYLBUNN         KEYLF18           KEYLRIN         KEYLF19           KEYLROPS         KEYLF28           KEYLSLEEP         KEYLF21           KEYLNUMPAD3         KEYLF24           KEYLNUMPAD4         KEYLNAVIGATIONLIVIEW           KEYLNUMPAD5         KEYLNAVIGATIONLUP           KEYLNUMPAD6         KEYLNAVIGATIONLOWN           KEYLNUMPAD7         KEYLNAVIGATIONLUEFT		
KEYLLEFT         KEYLFR           KEYLUP         KEYLFS           KEYLRIGHT         KEYLF9           KEVLDOWN         KEYLF10           KEYLSELECT         KEYLF11           KEYLFRINT         KEYLF12           KEYLERSECUTE         KEYLF13           KEYLSARPSHOT         KEYLF14           KEYLINSERT         KEYLF15           KEYLBLETE         KEYLF16           KEYLHELP         KEYLF17           KEYLLWIN         KEYLF18           KEYLF18         KEYLF19           KEYLF2WIN         KEYLF2           KEYLSLEEP         KEYLF2           KEYLNUMPAD0         KEYLF22           KEYLNUMPAD1         KEYLF24           KEYLNUMPAD2         KEYLRAYIGATIONLVIEW           KEYLNUMPAD3         KEYLNAYIGATIONLUF           KEYLNUMPAD5         KEYLNAYIGATIONLUP           KEYLNUMPAD6         KEYLNAYIGATIONLUP           KEYLNUMPAD7         KEYLNAYIGATIONLUEFT		
KEY_UP         KEY_F8           KEY_IGHT         KEY_F9           KEY_DOWN         KEY_F18           KEY_SELECT         KEY_F11           KEY_PRINT         KEY_F12           KEY_EXECUTE         KEY_F13           KEY_ENDELETE         KEY_F14           KEY_INSERT         KEY_F15           KEY_IELE         KEY_F16           KEY_IELE         KEY_F17           KEY_LEUR         KEY_F18           KEY_RUN         KEY_F18           KEY_RUN         KEY_F20           KEY_RUN         KEY_F20           KEY_SLEEP         KEY_F21           KEY_NUMPAD0         KEY_F22           KEY_NUMPAD1         KEY_F23           KEY_NUMPAD3         KEY_LARVIGATION_UEW           KEY_NUMPAD4         KEY_NAVIGATION_UEW           KEY_NUMPAD5         KEY_NAVIGATION_LEFT           KEY_NUMPAD6         KEY_NAVIGATION_LEFT		
KEYLRIGHT         KEYLF9           KEYLDOWN         KEYLF10           KEYLSELECT         KEYLF11           KEYLPRINT         KEYLF12           KEYLEXECUTE         KEYLF13           KEYLSARPSHOT         KEYLF14           KEYLINSERT         KEYLF15           KEYLDELETE         KEYLF16           KEYLBLEP         KEYLF17           KEYLWIN         KEYLF18           KEYLRWIN         KEYLF20           KEYLSLEEP         KEYLF21           KEYLNUMPAD0         KEYLF22           KEYLNUMPAD1         KEYLF23           KEYLNUMPAD2         KEYLF24           KEYLNUMPAD3         KEYLNAVIGATION_VIEW           KEYLNUMPAD4         KEYLNAVIGATION_LENU           KEYLNUMPAD5         KEYLNAVIGATION_LOWN           KEYLNUMPAD6         KEYLNAVIGATION_LOWN           KEYLNUMPAD7         KEYLNAVIGATION_LEFT		
KEY_DOWN       KEY_F10         KEY_SELECT       KEY_F11         KEY_PRINT       KEY_F12         KEY_EXECUTE       KEY_F13         KEY_SNAPSHOT       KEY_F14         KEY_INSERT       KEY_F15         KEY_DELETE       KEY_F16         KEY_HELP       KEY_F17         KEY_LWIN       KEY_F18         KEY_RWIN       KEY_F19         KEY_APPS       KEY_F20         KEY_SLEEP       KEY_F21         KEY_NUMPAD0       KEY_F22         KEY_NUMPAD1       KEY_F23         KEY_NUMPAD2       KEY_F24         KEY_NUMPAD3       KEY_NAVIGATION_VIEW         KEY_NUMPAD4       KEY_NAVIGATION_LOW         KEY_NUMPAD5       KEY_NAVIGATION_LOW         KEY_NUMPAD6       KEY_NAVIGATION_LOW         KEY_NUMPAD7       KEY_NAVIGATION_LEFT		
KEY_SELECT         KEY_F11           KEY_PRINT         KEY_F12           KEY_EXECUTE         KEY_F13           KEY_SNAPSHOT         KEY_F14           KEY_INSERT         KEY_F15           KEY_DELETE         KEY_F16           KEY_HELP         KEY_F17           KEY_LWIN         KEY_F18           KEY_RWIN         KEY_F19           KEY_SLEEP         KEY_F20           KEY_SLEEP         KEY_F21           KEY_NUMPAD0         KEY_F22           KEY_NUMPAD1         KEY_F23           KEY_NUMPAD2         KEY_F24           KEY_NUMPAD3         KEY_NAVIGATION_VIEW           KEY_NUMPAD4         KEY_NAVIGATION_LOW           KEY_NUMPAD5         KEY_NAVIGATION_LOW           KEY_NUMPAD6         KEY_NAVIGATION_LOWN           KEY_NUMPAD7         KEY_NAVIGATION_LEFT		
KEY_PRINTKEY_F12KEY_EXECUTEKEY_F13KEY_SNAPSHOTKEY_F14KEY_INSERTKEY_F15KEY_DELETEKEY_F16KEY_HELPKEY_F17KEY_LWINKEY_F18KEY_RWINKEY_F19KEY_APPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_VIEWKEY_NUMPAD5KEY_NAVIGATION_LDOWNKEY_NUMPAD6KEY_NAVIGATION_LDOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT		
KEY_EXECUTE       KEY_F13         KEY_SNAPSHOT       KEY_F14         KEY_INSERT       KEY_F15         KEY_DELETE       KEY_F16         KEY_HELP       KEY_F17         KEY_LWIN       KEY_F18         KEY_RWIN       KEY_F19         KEY_APPS       KEY_F20         KEY_SLEEP       KEY_F21         KEY_NUMPAD0       KEY_F22         KEY_NUMPAD1       KEY_F23         KEY_NUMPAD2       KEY_NAVIGATION_VIEW         KEY_NUMPAD3       KEY_NAVIGATION_VIEW         KEY_NUMPAD4       KEY_NAVIGATION_UP         KEY_NUMPAD5       KEY_NAVIGATION_LOWN         KEY_NUMPAD6       KEY_NAVIGATION_LEFT		
KEY_SNAPSHOTKEY_F14KEY_INSERTKEY_F15KEY_DELETEKEY_F16KEY_HELPKEY_F17KEY_LWINKEY_F18KEY_RWINKEY_F19KEY_APPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_WIENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_LDOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT		
KEY_INSERTKEY_F15KEY_DELETEKEY_F16KEY_HELPKEY_F17KEY_LWINKEY_F18KEY_RWINKEY_F19KEY_APPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_LDOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT		
KEY_DELETEKEY_F16KEY_HELPKEY_F17KEY_LWINKEY_F18KEY_RWINKEY_F19KEY_APPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_UPKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT		
KEY_HELPKEY_F17KEY_LWINKEY_F18KEY_RWINKEY_F19KEY_SPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT		
KEY_LWINKEY_F18KEY_RPPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_LDOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT		
KEY_RWINKEY_F19KEY_APPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_HELP	KEY_F17
KEY_APPSKEY_F20KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_LWIN	KEY_F18
KEY_SLEEPKEY_F21KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_RWIN	KEY_F19
KEY_NUMPAD0KEY_F22KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_APPS	KEY_F20
KEY_NUMPAD1KEY_F23KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_SLEEP	KEY_F21
KEY_NUMPAD2KEY_F24KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_LEFTKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_NUMPAD0	KEY_F22
KEY_NUMPAD3KEY_NAVIGATION_VIEWKEY_NUMPAD4KEY_NAVIGATION_MENUKEY_NUMPAD5KEY_NAVIGATION_UPKEY_NUMPAD6KEY_NAVIGATION_DOWNKEY_NUMPAD7KEY_NAVIGATION_LEFT	KEY_NUMPAD1	KEY_F23
KEY_NUMPAD4 KEY_NUMPAD5 KEY_NUMPAD6 KEY_NAVIGATION_DOWN KEY_NUMPAD7 KEY_NAVIGATION_LEFT	KEY_NUMPAD2	KEY_F24
KEY_NUMPAD5 KEY_NUMPAD6 KEY_NUMPAD7 KEY_NAVIGATION_LEFT	KEY_NUMPAD3	KEY_NAVIGATION_VIEW
KEY_NUMPAD6 KEY_NAVIGATION_DOWN KEY_NUMPAD7 KEY_NAVIGATION_LEFT	KEY_NUMPAD4	KEY_NAVIGATION_MENU
KEY_NUMPAD7 KEY_NAVIGATION_LEFT	KEY_NUMPAD5	KEY_NAVIGATION_UP
	KEY_NUMPAD6	KEY_NAVIGATION_DOWN
KEY_NUMPAD8 KEY_NAVIGATION_RIGHT	KEY_NUMPAD7	KEY_NAVIGATION_LEFT
	KEY_NUMPAD8	KEY_NAVIGATION_RIGHT

KEY\_OEM\_PLUS

KEYLOEMLCOMMA

KEY\_NAVIGATION\_ACCEPT KEYLOEM\_MINUS KEY\_NAVIGATION\_CANCEL KEY\_OEM\_PERIOD KEY\_NUMLOCK KEYLOEML2 KEY\_SCROLL KEYLOEML3 KEYLOEM\_NECLEQUAL KEY\_GAMEPAD\_A KEY\_OEM\_FJ\_JISHO KEY\_GAMEPAD\_B KEYLOEM\_FJ\_MASSHOU KEY\_GAMEPAD\_X KEY\_OEM\_FJ\_TOUROKU KEY\_GAMEPAD\_Y KEY\_OEM\_FJ\_LOYA KEY\_GAMEPAD\_RIGHT\_SHOULDER KEY\_GAMEPAD\_LEFT\_SHOULDER KEY\_OEM\_FJ\_ROYA KEY\_GAMEPAD\_LEFT\_TRIGGER KEYLLSHIFT KEY\_RSHIFT KEY\_GAMEPAD\_RIGHT\_TRIGGER KEYLLCONTROL KEY\_GAMEPAD\_DPAD\_UP KEY\_RCONTROL KEY\_GAMEPAD\_DPAD\_DOWN KEY\_LMENU KEY\_GAMEPAD\_DPAD\_LEFT KEY\_RMENU KEY\_GAMEPAD\_DPAD\_RIGHT KEY\_GAMEPAD\_MENU KEY\_BROWSER\_BACK KEY\_BROWSER\_FORWARD KEY\_GAMEPAD\_VIEW KEY\_BROWSER\_REFRESH KEY\_GAMEPAD\_LEFT\_THUMBSTICK\_BUTTON KEY\_BROWSER\_STOP KEY\_GAMEPAD\_RIGHT\_THUMBSTICK\_BUTTON KEY\_BROWSER\_SEARCH KEY\_GAMEPAD\_LEFT\_THUMBSTICK\_UP KEY\_BROWSER\_FAVORITES KEY\_GAMEPAD\_LEFT\_THUMBSTICK\_DOWN KEY\_BROWSER\_HOME KEY\_GAMEPAD\_LEFT\_THUMBSTICK\_RIGHT KEY\_VOLUME\_MUTE KEY\_GAMEPAD\_LEFT\_THUMBSTICK\_LEFT KEY\_VOLUME\_DOWN KEY\_GAMEPAD\_RIGHT\_THUMBSTICK\_UP KEY\_VOLUME\_UP KEY\_GAMEPAD\_RIGHT\_THUMBSTICK\_DOWN KEY\_MEDIA\_NEXT\_TRACK KEYLGAMEPADLRIGHT\_THUMBSTICK\_RIGHT KEY\_MEDIA\_PREV\_TRACK KEY\_GAMEPAD\_RIGHT\_THUMBSTICK\_LEFT KEY\_MEDIA\_STOP KEYLOEML4 KEY\_MEDIA\_PLAY\_PAUSE KEYLOEML5 KEY\_LAUNCH\_MAIL KEYLOEML6 KEY\_LAUNCH\_MEDIA\_SELECT KEYLOEML7 KEYLOEML8 KEY\_LAUNCH\_APP1 KEY\_LAUNCH\_APP2 KEY\_OEM\_AX KEYLOEM\_1 KEYLOEM\_102

KEY\_ICO\_HELP

KEY\_ICO\_00



**KEY\_PROCESSKEY** 

KEY\_ICO\_CLEAR

KEY\_PACKET

KEYLOEMLRESET

KEYLOEMLJUMP

KEY\_OEM\_PA1

KEY\_OEM\_PA2

KEY\_OEM\_PA3

KEYLOEMLWSCTRL

KEYLOEMLCUSEL

KEYLOEMLATTN

**KEYLOEMLFINISH** 

KEYLOEMLCOPY

KEY\_OEM\_AUTO

KEY\_OEM\_ENLW

KEYLOEM\_BACKTAB

KEY\_ATTN

**KEY\_CRSEL** 

KEYLEXSEL

KEY\_EREOF

KEY\_PLAY

KEY\_ZOOM

KEY\_NONAME

KEY\_PA1

KEYLOEMLCLEAR