

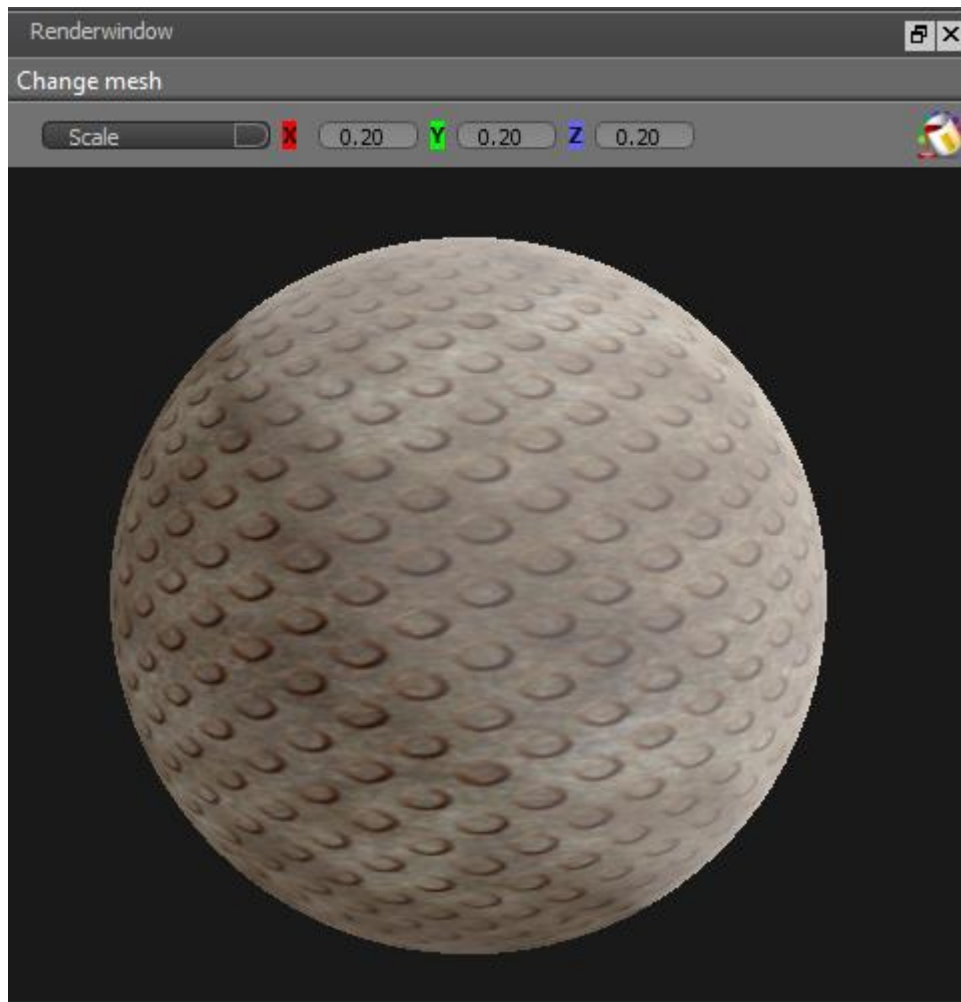
HLMS Editor Cheat Sheet


Main window

File Materials Textures Tools Window

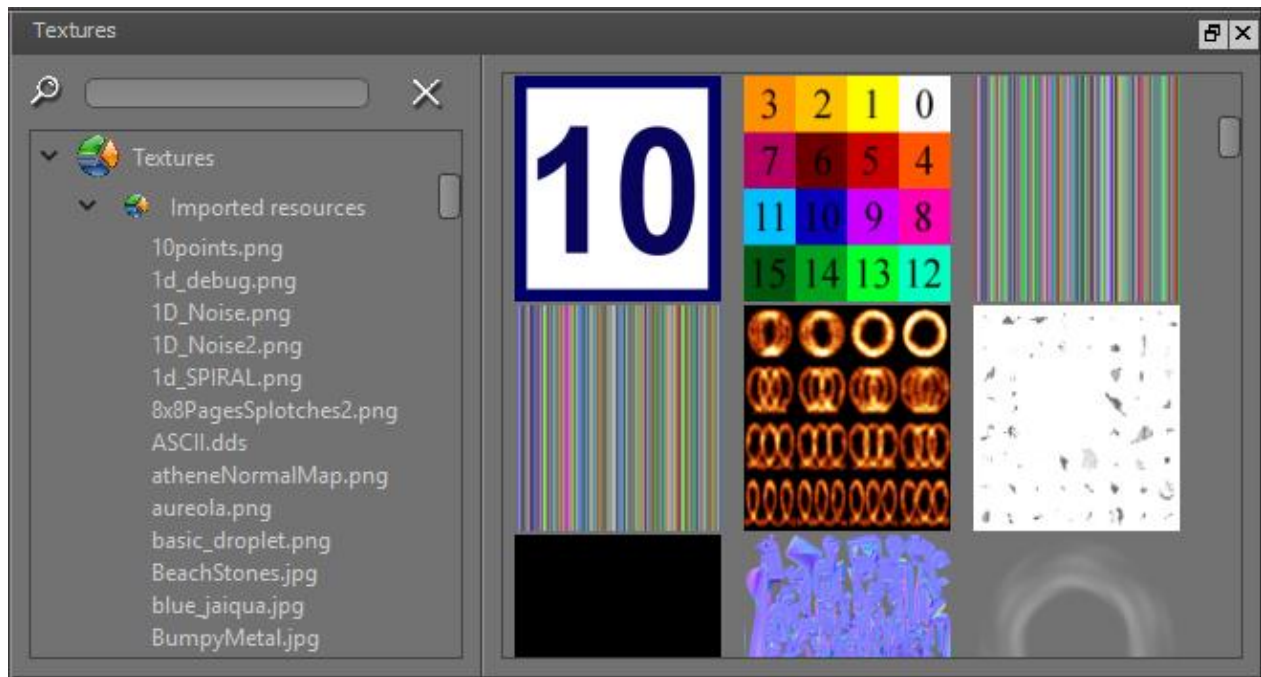
Action	Command
Generate HLMS	F5
New Project	Ctrl + Shift + N
New Hlms Pbs	Ctrl + Alt + N
New Hlms Unlit	Ctrl + N
Open Project	Ctrl + Shift + O
Open Hlms	Ctrl + Alt + O
Open Mesh	Ctrl + O
Save Project	Ctrl + Shift + S
Save Hlms	Ctrl + Alt + S
Save Project as	Ctrl + Shift + A
Save Hlms as	Ctrl + Alt + A
Quit	Ctrl + Q
Open browser	Ctrl + B
Add Hlms to browser	Ctrl + H
Import textures from directory	Ctrl + I
Add texture file(s)	Ctrl + T
Configure	Ctrl + X
Reset Window Layout	Ctrl + R


Render window



Action	Command
Rotate mesh	Left Mouse Button (LMB) Drag
Move mesh	Shift + LMB Drag
Change mesh	Change mesh listbox
Change background colour	Click on 

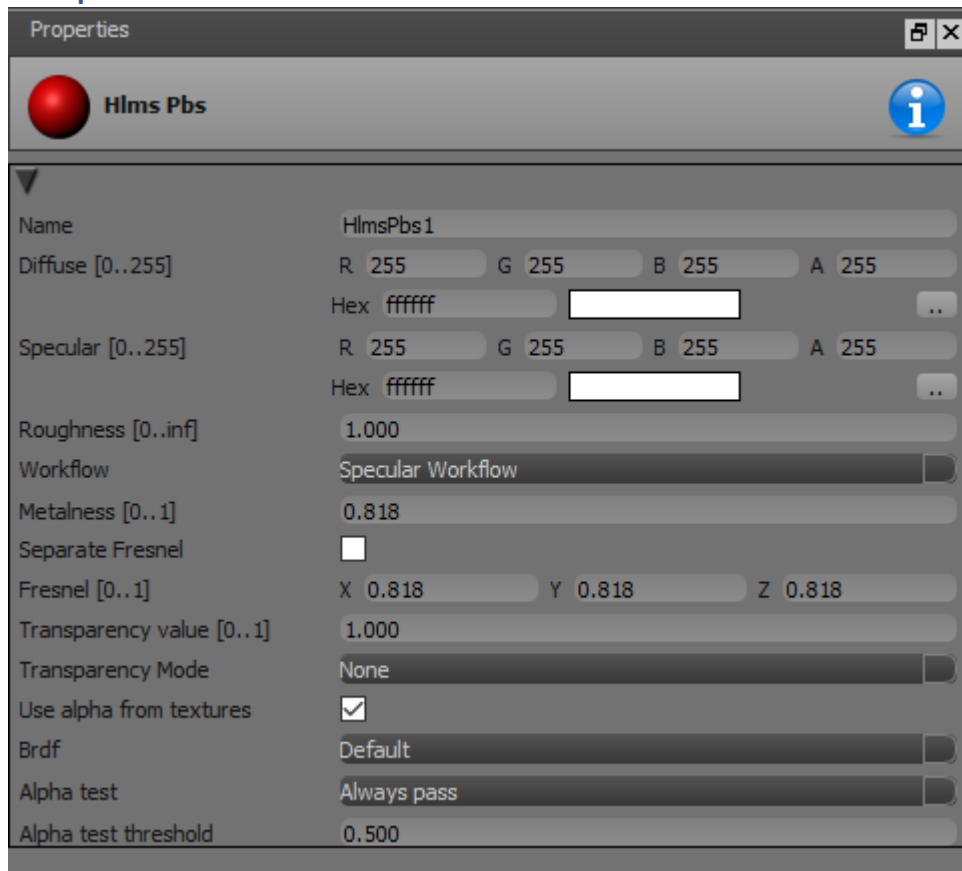
Texture window



Action	Command
Search	Enter search phrase in edit field
Reset search	Click on 
Create a subgroup	Right Mouse Button (RMB) + select 'Create a subgroup' from contextmenu
Remove selected subgroup or texture from texture list	RMB + select 'Remove from list' from contextmenu
Collapse / expand	RMB + select 'Collapse / expand' from contextmenu
Import from directory	RMB + select 'Import from directory' from contextmenu
Add texture file(s)	RMB + select 'Add texture file(s)' from contextmenu
Add texture file(s)	Drag from file external explorer (eg Windows file explorer) + drop on texture window
Delete selected texture	Delete key

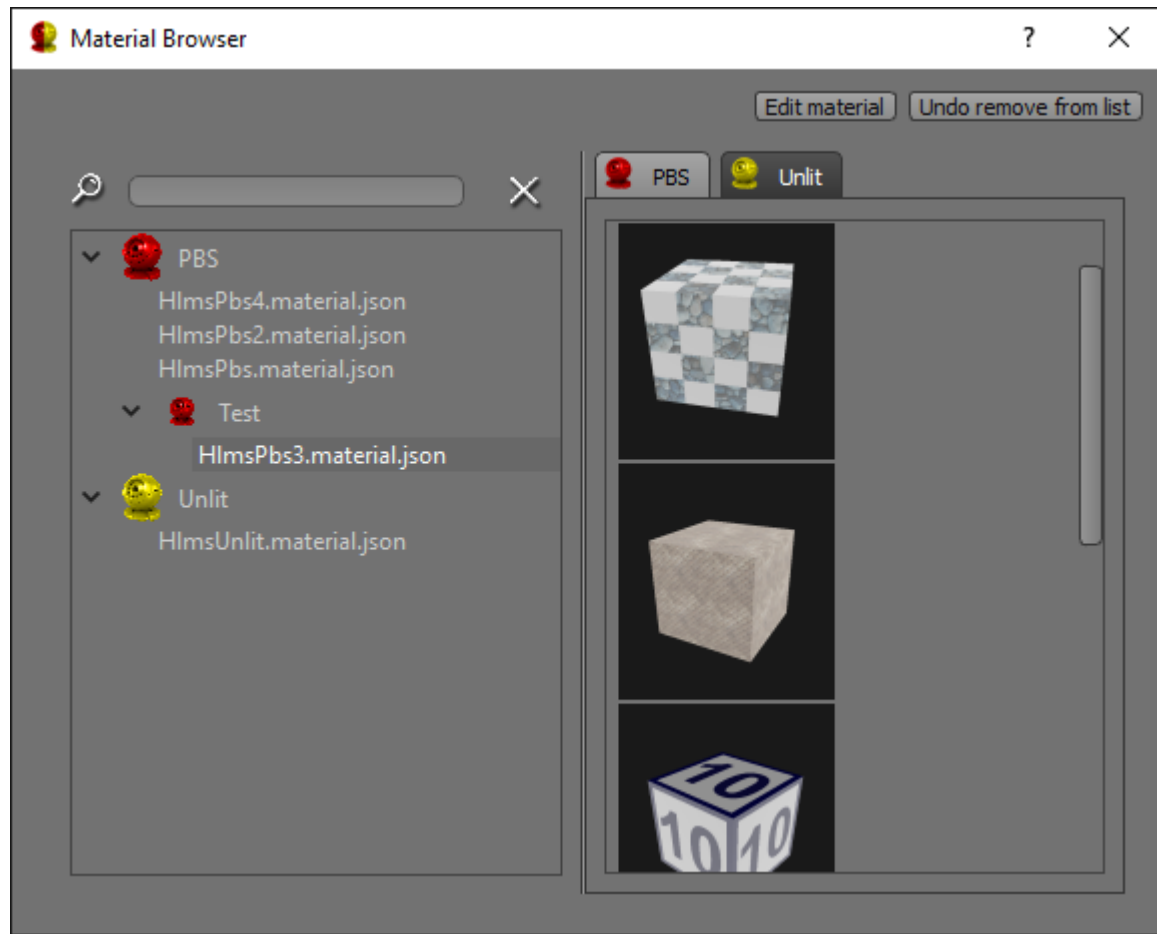
Action	Command
New Texture / Samplerblock node (in Node editor window)	Drag from texture listbox + drop on node editor window
New Texture / Samplerblock node (in Node editor window)	Drag image + drop on node editor window


Properties window



Action	Command
Collapse property group	Click on ▼
Expand property group	Click on ►

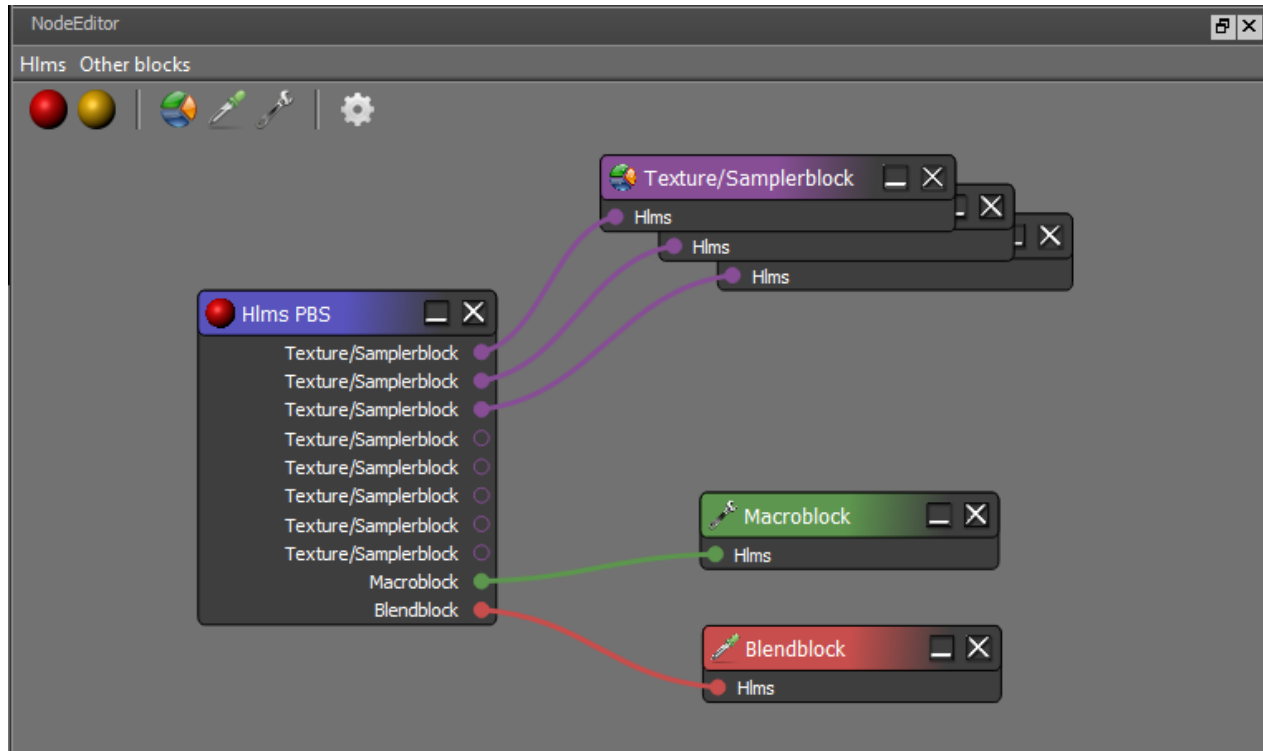
Material browser window








Action	Command
Search	Enter search phrase in edit field
Reset search	Click on 
Select material for editor	Doubleclick on item in listbox
Select material for editor	Click on item in listbox + button Edit material
Select material for editor	Right Mouse Button (RMB) + select 'Edit material' from contextmenu
Create a subgroup	RMB + select 'Create a subgroup' from contextmenu
Clone a material	RMB + 'Clone material' from contextmenu


Action	Command
Remove selected subgroup or material from material list	RMB + 'Remove from list' from contextmenu
Collapse / expand	RMB + 'Collapse / expand' from contextmenu
Undo remove from list	Click on item in listbox + button Undo remove from list

Node editor window

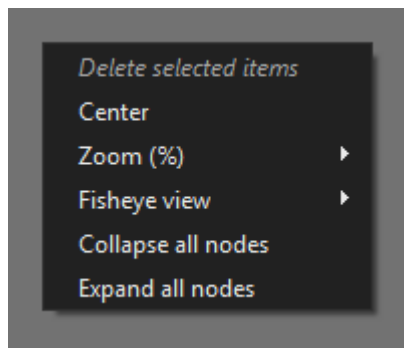


Node editor toolbar and menu

Action	Command
New HLMS PBS node	Click on  Menu: Hlms → New Hlms Pbs
New HLMS Unlit node	Click on  Menu: Hlms → New Hlms Pbs
New Texture / Samplerblock node	Click on  Menu: Other blocks → New Texture/Samplerblock
New Blendblock	Click on  Menu: Other blocks → New Blendblock
New Macroblock	Click on  Menu: Other blocks → New Macroblock

Action	Command
Generate HLMS	Click on 

Node editor context menu



Action	Command
Display context menu	RMB
Center all nodes	Center
Zoom in/out (10% - 300%)	Zoom (%)
Automatic zoom in/out (based on mouse position)	Fisheye view
Collapse all nodes	Collapse all nodes
Expand all nodes	Expand all nodes

Node editor actions

Action	Command
Select node	Click on header of a node
Add to selection	Ctrl + Click on header of a node
Rubberband selection	LMB Drag

Action	Command
Delete selected node(s)	Delete key
Move selected node(s)	Ctrl + LMB Drag
Pan the graph	Shift + LMB Drag
Zoom in/out	Mouse Wheel Up/Down
Display properties in properties window	Click on header of a node

Workflows

