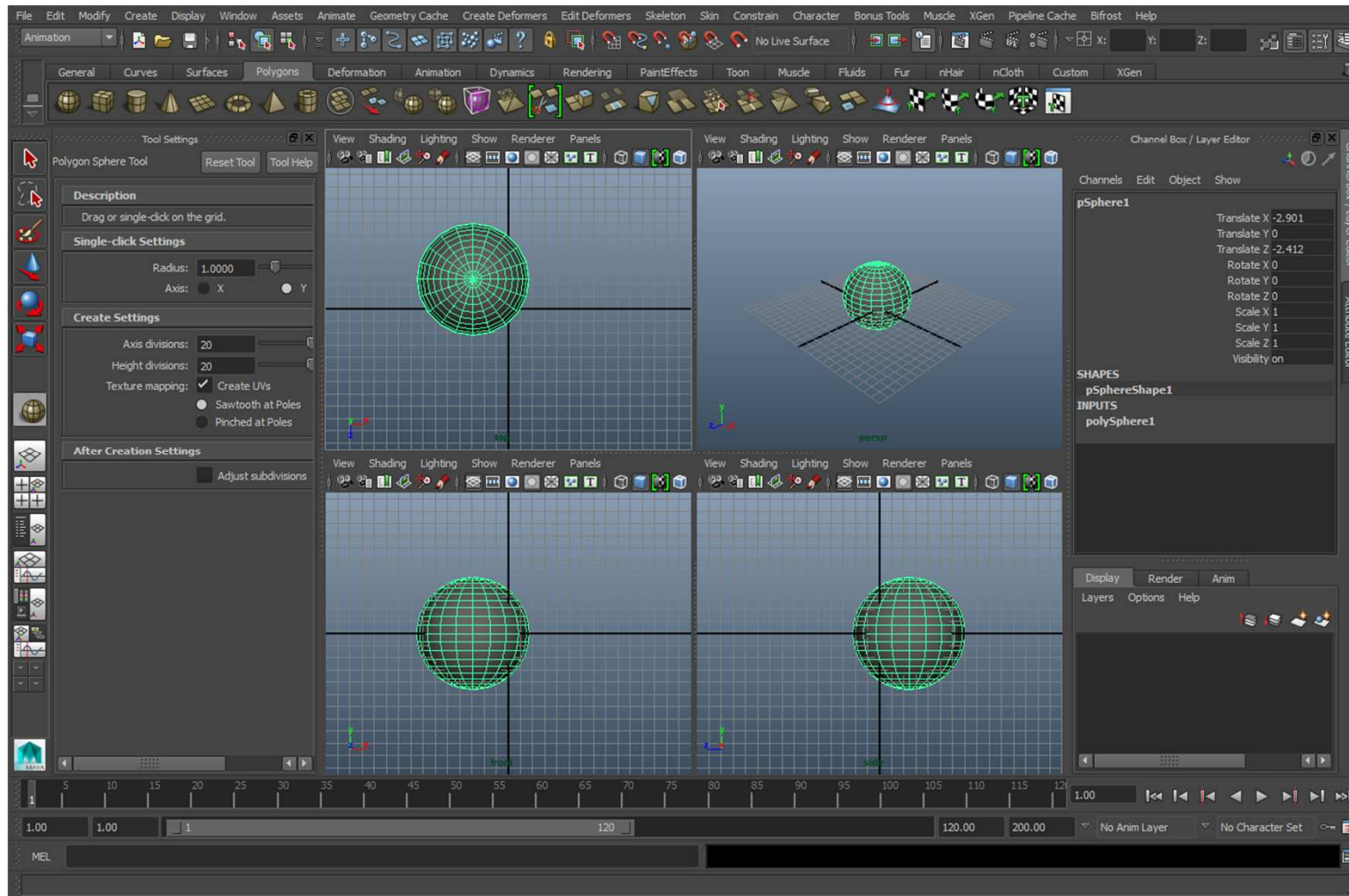


Autodesk Maya modeling, animation, scripting and C++ programming 2017-18

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Cours ENSIMAG, Ingénierie de l'Animation 3D

Maya Interface



MAIN BASE MENU

MAIN CONTEXTUAL MENU

CONTEXT BOX EDITORS

SELECTION FILTERS

SHELVES

MANIPULATORS

LAYOUTS

LAST TOOL

Tool Settings

Reset Tool

Description

Drag or single-click on the grid.

Single-click Settings

Radius: 1.0000

Axis: X Y

Create Settings

Axis divisions: 20

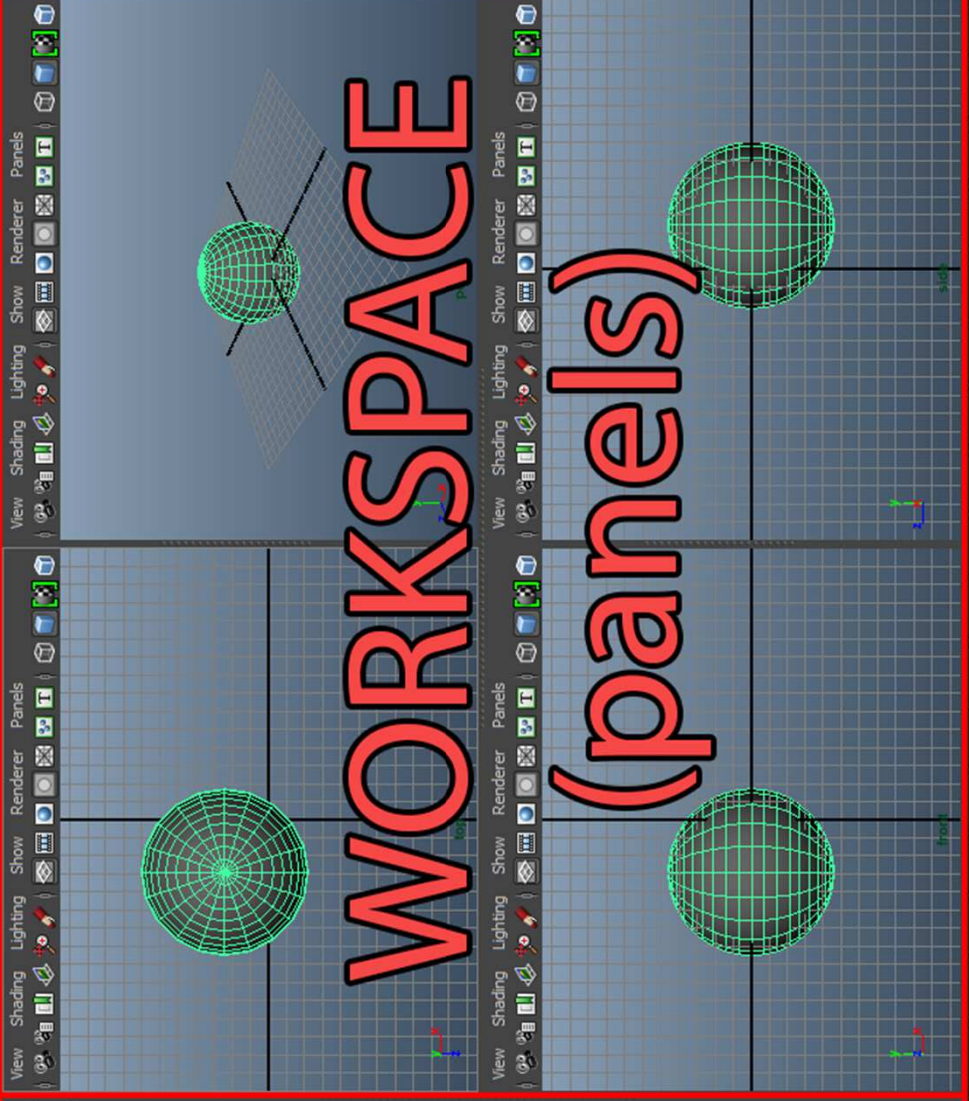
Height divisions: 20

Texture mapping: ☒ Create UVs ☐ Sawtooth at Poles ☐ Pinched at Poles

After Creation Settings

☐ Adjust subdivisions

TOOL
SETTINGS



Channel Box / Layer Editor

Attribute Editor

Channels Edit Object Show

Translate X -2.901

Translate Y 0

Translate Z -2.412

Rotate X 0

Rotate Y 0

Rotate Z 0

Scale X 1

Scale Y 1

Scale Z 1

Visibility on

SHAPES

pSphereShape1

INPUTS

polySphere1

ATTRIBUTE
EDITOR

Display Render Anim

Layers Options Help

ANIMATION SLIDERS

SCRIPT COMMAND LINE INPUT

SCRIPT ECHO

1.00 120.00 200.00

No Anim Layer

No Character Set

1.00 MEL

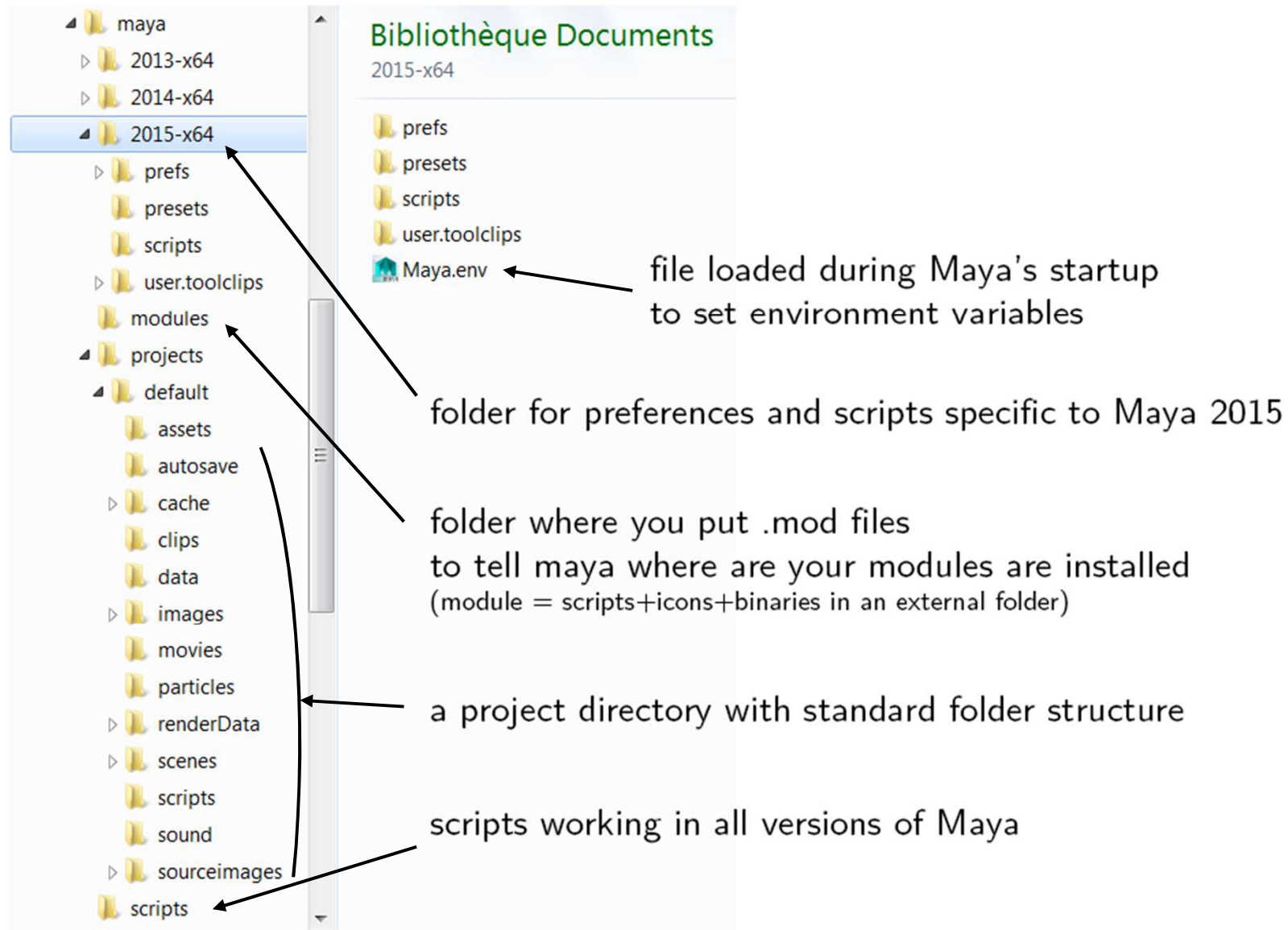
Practical

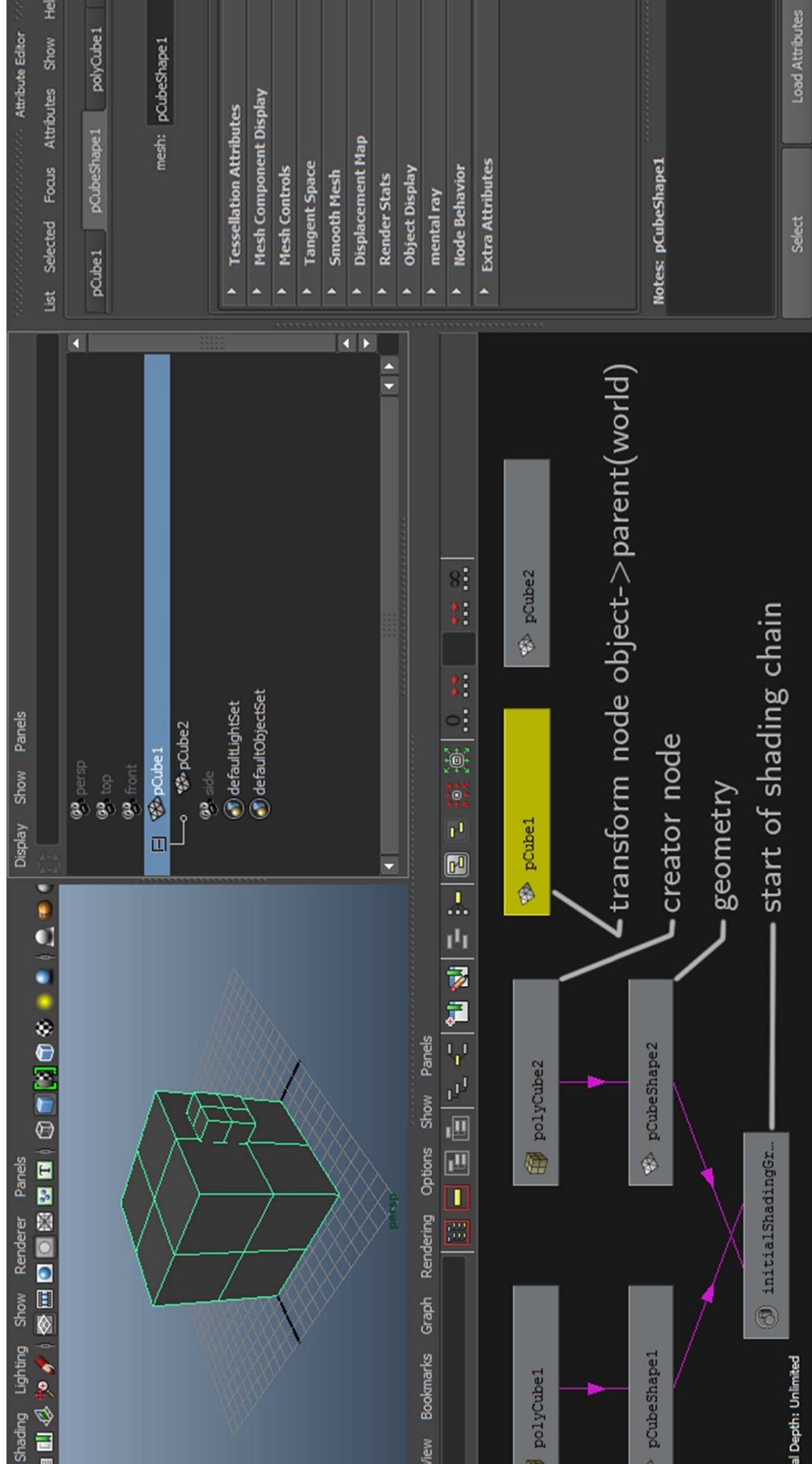
- Look at all the 6 startup movies in:
 - “Help/1-Minute Startup Movies”
- Then do:
 - Create a cube subdivided 8 times per axis
 - Move the camera around (tumble, track, dolly) with Alt+Mouse Button
 - Select it then try the following keys and actions
 - F8, F9, space, a, f, 1, 2, 3, 4, 5, 6
 - Stay right clicked on the cube
 - Move some vertices around (try to press “b” to enter in soft select mode)
 - Open these different editors and read their documentation (Help/Help on X..)
 - Window/Outliner
 - Window/Hypergraph
 - Window/Hypershade
 - Window/Node Editor
 - Window/Graph Editor

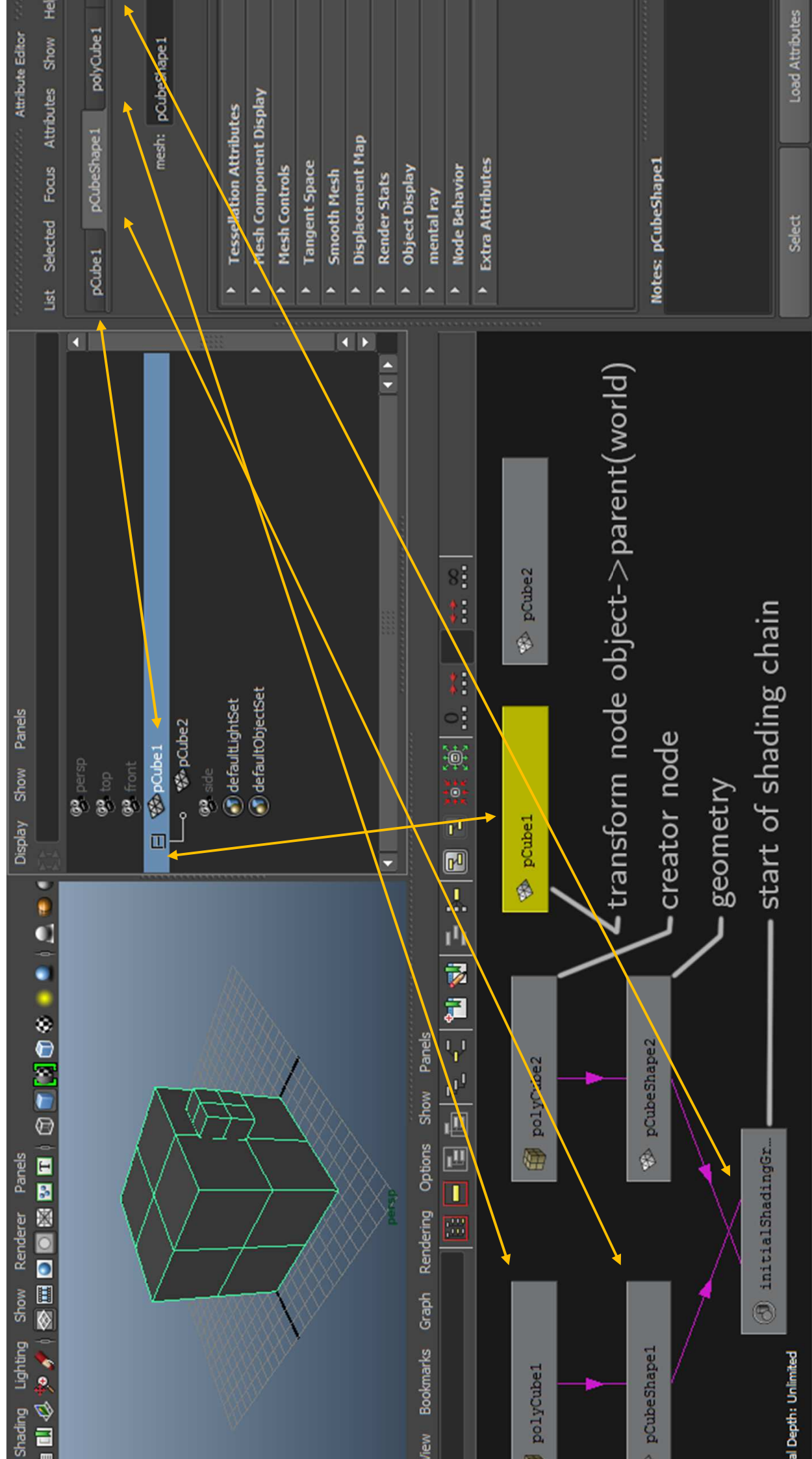


- A shelf per tool set
 - customizable to support different workflows
 - Ctrl+Shift+[click on command in menu] to add the command to the current shelf.
 - MMB click & hold on a command allows you to drop it where you want in the shelf.
 - Use the Shelf Editor if you want to assign icons to custom scripts or edit shelves

Environment







An echo is issued for each command in the script editor

