

025:251 COMPOSITION: ELECTRONIC MEDIA II

Spring 2011

Max/MSP Menus

1. Preferences

About Max	
Preferences...	⌘,
Services	▶
Hide MaxMSP	⌘H
Hide Others	⇧⌘H
Show All	
Quit MaxMSP	⌘Q

Preferences: Changing these will potentially affect all other users.

2. File

New Patcher	⌘N
New From Template	▶
New From Clipboard	⇧⌘N
New File Browser	⌘B
New Text	⇧⌘N
Open...	⌘O
Open As Text...	
Open Recent	▶
Close	⌘W
Modify Read-Only	⇧⌘M
Save	⌘S
Save As...	⇧⌘S
Build Collective / Application...	
Export Image...	
List Externals and Subpatcher Files	
Install...	

Save: Both locked and unlocked patchers can be saved.

Also, saving when a sub-patch is open saves the parent patch. Individual sub-patches can no longer be saved as independent patches.

Build Collective: Creates a RunTime version of the patch.

Export Image: Creates a disk image of the patch.

3. Edit

Undo Cut	⌘Z
Redo	⇧⌘Z
Cut	⌘X
Copy	⌘C
Copy Compressed	
Paste	⌘V
Delete	⌘⌫
Duplicate	⌘D
Select All	⌘A
Paste Picture	
Paste Replace	⇧⌘V
Encapsulate	⇧⌘E
De-encapsulate	⇧⌘D
Scale...	
Scale Spacing...	
Find...	⌘F
Find Next	⌘G
Find Previous	⇧⌘G
Resume	⌘R

Copy Compressed: Copies selected area to text format.

Encapsulate: Creates a sub-patch from a selected area.

Scale: Changes the size of a selected area.

Scale Spacing: Changes the distance between objects in an area.

4. View

New View	
✓ Edit	⌘E
Presentation	
Patcher Inspector	⇧⌘I
Zoom In	⌘=
Zoom Out	⌘-
Show at 100%	⌘1
Navigate Zoom	
Grid	
Snap to Grid	
✓ Toolbar	
Hide Connections	
Hide Foreground	
Hide Background	
Lock Background	⇧⌘L
Initial Window Location	
Define Fixed Initial Window Location	

New View: Opens another window.

Presentation: Switches view to presentation mode.

Patcher Inspector: Shows attributes of an object. This is an object component of Max/MSP.

Hide Connections: Hides patch cords.

5. Object

New Object	⇧⌘O
Fix Width	⌘J
Name...	⌘'
Inspector	⌘I
Show Fonts	⌘T
Color...	
Set to Default Values	
Hide on Lock	⌘K
Show on Lock	⌘L
Ignore Click	
Respond to Click	
Add to Presentation	⇧⌘P
Remove from Presentation	
Send Message...	⇧⌘M
Save Prototype...	
Prototype	▶

Fix Width: Narrows the width of an object.

Name: Used for scripting only.

Set to Default Values: Changes attributes of object to default.

Hide on Lock: Applies only to objects, not patch cords.

Send Message: Sends object's message in edit mode.

6. Arrange

Align	⌘Y
Align Connections	⇧⌘Y
Bring to Front	⇧⌘F
Bring Forward	⇧⌘F
Send to Back	⇧⌘B
Send Backward	⇧⌘B
Include in Background	
Remove from Background	

Align: Aligns selected objects. This is an important component of Max/MSP.

Align Connections: Makes angled connection straight and square.

Bring to Front/Send to Back: Useful when using colored panels.

7. Options

Overdrive
All Windows Active
Auto Fix Width
✓ Segmented Patch Cords
Assistance
Float Display Correction
Help in Locked Patchers
MIDI Setup...
DSP Status...
Object Defaults...
File Preferences...

Auto Fix Width: Makes width of objects as narrow as possible.

Segmented Patch Cords: Allows edit points on patch cord instead of radial. This is an important component of Max/MSP and should be left checked.

Assistance: Info window pops up when cursor is over an inlet. Potentially annoying.

DSP Status: Window that shows signal and processing information, as discussed later in class. This is an important component of Max/MSP.

Object Defaults: Controls appearance of objects.

File Preferences: Controls file pathways.

8. Debug

Enable Debugging Debugger Watchpoints	⌘⌘D
Probing Matrix Probe	
Step Pause Continue Abort Auto Step	⇧⌘T ⌘U
Add Watchpoint – Monitor Add Watchpoint – Break Disable Watchpoint Remove Watchpoint Remove All Watchpoints	

For future discussion.

9. Window

Minimize Zoom Send Window to Back Hide Subwindows	
Bring All to Front	
Max Window Clue Window [DemoB] sfplay~.maxhelp EMSDemo (unlocked)	⌘M

Max Window: A list of actions.

Clue Window: Gives info about selected object.

[DemoB]: For this handout, I created a patch named EMSDemo. This patch contains a sub-patch that I have named DemoB. The menu item [DemoB] means that the DemoB sub-patch window is open. All sub-patches are always shown in the menu in square brackets.

sfplay~.maxhelp: A help window for sfplay~, opened for this demonstration.

EMSDemo (unlocked): The main patch, EMSDemo, is shown in the menu without brackets. The word (unlocked) in parentheses indicates that the patch is, well, unlocked. If the word does not appear, then the patch is locked.

10. Extras

Adding Extras... Audiotester DSP CPU Monitor ExamplesOverview GlobalTransport HI Tester JitterTester KeyMidi Meterin Meterout MIDItester Mousemeter ObjectHelpLauncher Quickrecord UDP Tester

Third-party tools for testing and other purposes.

11. Help

Search	
Help	⇧ ⌘ H
Reference	⇧ ⌘ R
Query	⇧ ⌘ Q
Max Help What's New in Max 5?	
Latest Support Information	
Tips and Shortcuts Patcher Key Commands	
Max Tutorials MSP Tutorials Jitter Tutorials	

Max Help: Contains tutorials, search function, and most of the other items in the menu.

What's New: In Version 5.

Tips and Shortcuts: Useful. Keep checking back to these.

Patcher Key Commands: Ditto.

Max Tutorials: Cover the interface, MIDI, math operations, selection, randomization, and other non-audio topics.

MSP Tutorials: Focus on audio. Both tutorials are classics.

Jitter Tutorials: Cover Jitter, a graphic and video program incorporated into Max/MSP.