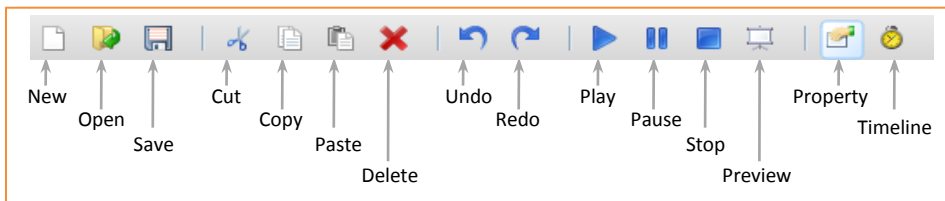















# Mugeda Cheat Sheet 0.5



Name (Shortcut Key)	
	Select (V)
	Node (A)
	Scale (Q)
	Zoom (Z)
	Line (N)
	Curve (C)
	Pencil (Y)
	Rectangle (R)
	Rounded (O)
	Ellipse (E)
	Polygon (P)
	Image (I)
	Text (T)

Operation	Result
Ctrl + click	Toggle multiple object selection
Mouse drag	Batch selection
Shift + drag	Keep aspect ratio while drawing/scaling
<b>Zoom</b>	
Click	Zoom in
Alt + click	Zoom out
Shift + click	Restore default zoom (1.0)
Ctrl + click	Zoom in with smaller factor
Ctrl + Alt + click	Zoom out with smaller factor
Drag	Move zoom offset (with factor > 1)
<b>Node</b>	
Click a yellow node	Select the node
Ctrl + click a yellow node	Toggle multiple node selection
Alt + click a yellow node	Delete the node
Drag a green node	Edit both nodes (direction)
Ctrl + click on a curve	Insert a new node
Ctrl + drag a green node	Edit both nodes (direction & magnitude)
Alt+ drag a green node	Edit only the selected node

## Keyboard Shortcut

(See toolbar for more shortcuts)

Operation	Shortcut
Copy	Ctrl + C
Cut	Ctrl + X
Paste	Ctrl + V
Undo	Ctrl + Z
Redo	Ctrl + Y
Insert Frame	F5
Delete Frame	Ctrl + F5
Finish curve draw	Space
Insert Key frame	F6
Delete Key frame	Ctrl + F6
Play	Enter
Pause	Enter
Next Frame	. (>)
Previous Frame	, (<)
Align Left	Ctrl+Alt+1
Align Center	Ctrl+Alt+2
Align Right	Ctrl+Alt+3
Align Top	Ctrl+Alt+4
Align Middle	Ctrl+Alt+5
Align Bottom	Ctrl+Alt+6

## Q & A

Q	A
How to change rotation center?	Choose scale tool, Ctrl + drag the rotation center (a black circle in the middle of a group).
Can I export my content?	Choose from menu File/Export, and a .png file will be open in a new tab. Right click to save it. More exporting options are on the way.
Can I embed an interested content?	In a content view page, find a button named "embed". Click the button to embed the code to your webpage.
How can I derive a content?	In a content view page, find a button named "derive". If it is enabled, the author has generously shared the content. Simply click the button to continue edit it.
Any tutorials?	<a href="http://www.youtube.com/user/gomugeda">http://www.youtube.com/user/gomugeda</a>
Pencil curve is not smooth	You can adjust the smoothness from a pencil curve's property dialog. We are improving pencil curve and more features are on the way.

Questions? Comments? Send to [feedback@mugeda.com](mailto:feedback@mugeda.com)

# 木疙瘩操作速查表 0.5



推荐使用Google Chrome浏览器



## 名称 (快捷键)

- ← 选择(V)
- ← 节点(A)
- ← 缩放(Q)
- ← 放大(Z)
- ← 线条(N)
- ← 曲线(C)
- ← 铅笔(Y)
- ← 矩形(R)
- ← 圆角(O)
- ← 椭圆(E)
- ← 多边形(P)
- ← 图片(I)
- ← 文字

操作	结果
Ctrl + 鼠标单击	切换多个物体选择状态
鼠标在画布上画框	选中多个物体
Shift + 拖动	生成/缩放物体时保持长宽比
<b>放大/缩小</b>	
鼠标单击	放大 (x1.5)
Alt + 鼠标单击	缩小 (/1.5)
Shift + 鼠标单击	恢复1:1缩放比例
Ctrl + 鼠标单击	小系数放大 (x1.1)
Ctrl + Alt + 鼠标单击	小系数缩小 (/1.1)
鼠标拖动	移动缩放偏移位置 (当缩放比例>1)
<b>节点</b>	
点击黄色节点	选中节点
Ctrl + 点击黄色节点	切换多个节点选择状态
Alt + 点击黄色节点	删除节点
拖动绿色节点	编辑该节点, 并为对端节点调整方向
Ctrl + 在曲线上点击	添加节点
Ctrl + 拖动绿色节点	编辑该节点, 并镜像对端节点
Alt+拖动绿色节点	仅编辑该节点

## 键盘快捷键

(同时参见工具栏快捷键)

操作	快捷键
复制	Ctrl + C
剪切	Ctrl + X
粘贴	Ctrl + V
撤销	Ctrl + Z
恢复	Ctrl + Y
插入帧	F5
删除帧	Ctrl + F5
结束曲线绘制	空格或任意工具快捷键
插入关键帧	F6
删除关键帧	Ctrl + F6
播放	Enter
暂停	Enter
下一帧	. (>)
上一帧	, (<)
左对齐	Ctrl+Alt+1
水平居中对齐	Ctrl+Alt+2
右对齐	Ctrl+Alt+3
上对齐	Ctrl+Alt+4
垂直居中对齐	Ctrl+Alt+5
下对齐	Ctrl+Alt+6

## 常见问题

Q	A
如何改变旋转中心?	选择缩放工具, Ctrl + 拖动旋转中心 (仅对组适用。旋转中心是位于组中心的黑色小圆点)
我可以导出内容吗?	可以。从菜单选择 File/Export会导出当前帧为.png图像并显示在新窗口。我们会推出更多的导出选项。
我可以把动画嵌入我自己的网页吗?	可以。在动画浏览页面选择“Embed”按钮。复制代码到网页即可。
我可以复制喜欢的作品吗?	如果作品的原作者共享了作品, 可以在动画浏览页面选择“Derive”复制一份作品继续编辑。
有教程吗?	<a href="http://www.youtube.com/user/gomugeda">http://www.youtube.com/user/gomugeda</a>
铅笔工具不太好用, 曲线不够平滑	铅笔曲线的平滑度可以在其属性对话框中通过“Smooth”按钮调节。我们正在改进铅笔工具使其更加方便实用。

有问题或建议? 发送到 [feedback@mugeda.com](mailto:feedback@mugeda.com)



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