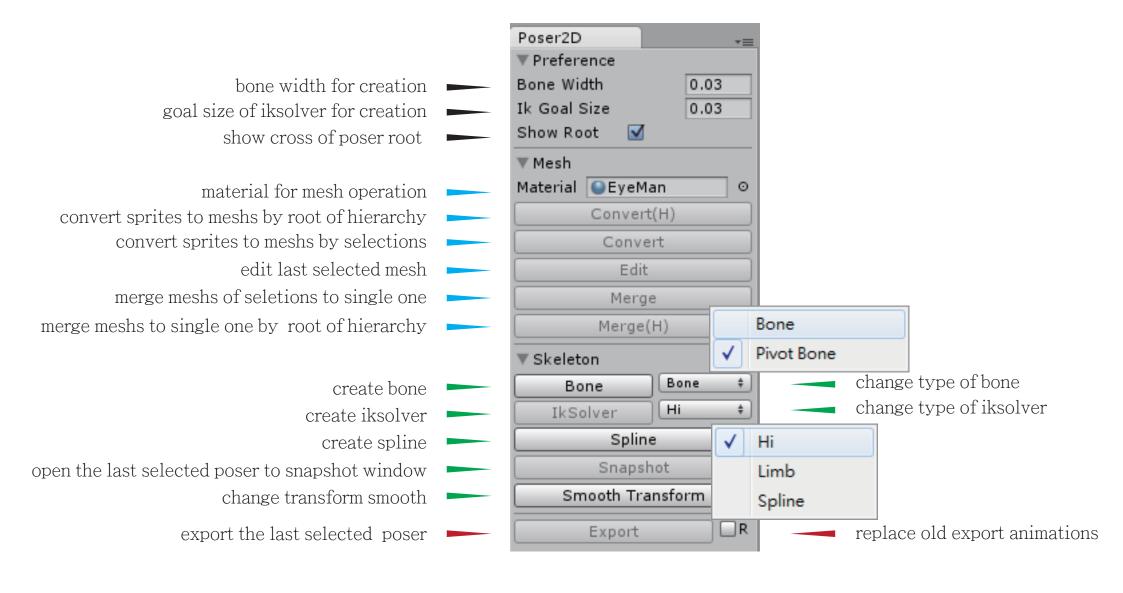


Contents

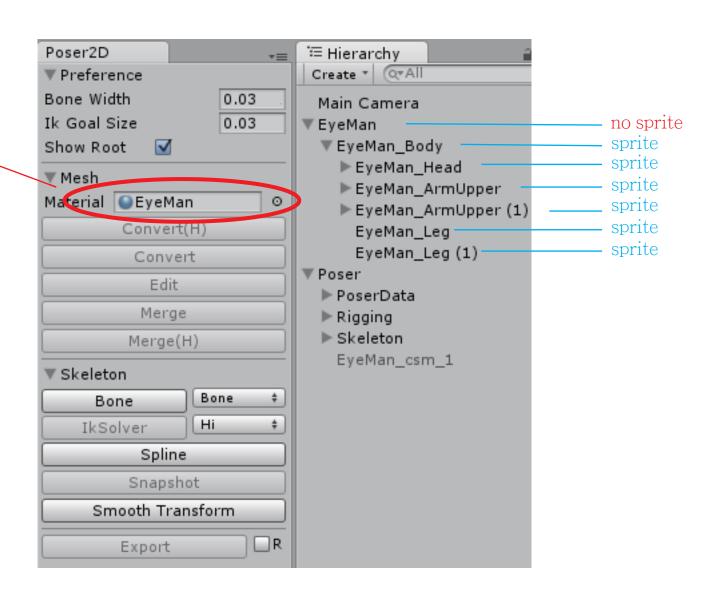
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Poser2D Window



Mesh

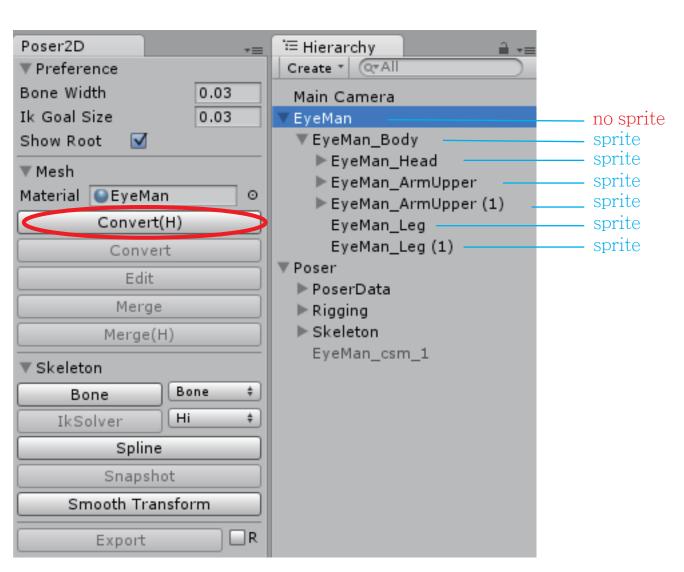
convert or merge mesh need a material for a operation



Mesh - Covert(H)

active button

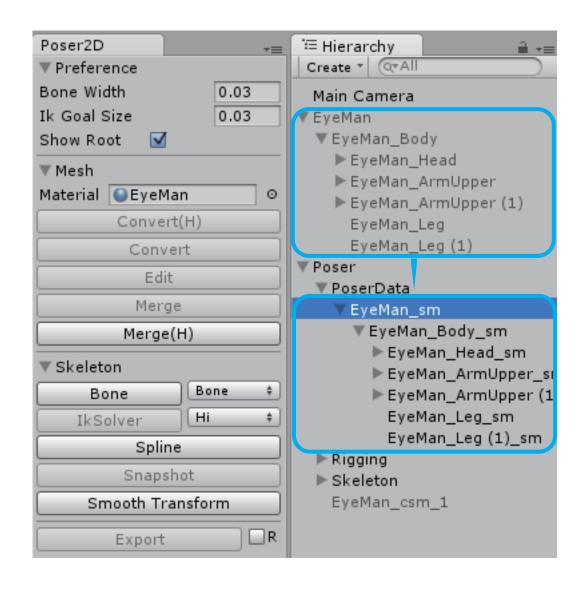
there is at least one sprite in the last selection or children



Mesh - Covert(H)

click button

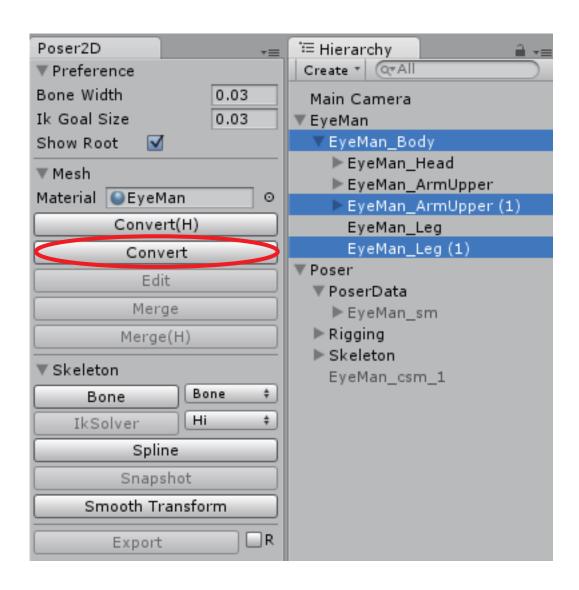
convert all sprites to meshs by hierarchy and attach to PoserData



Mesh - Covert

active button

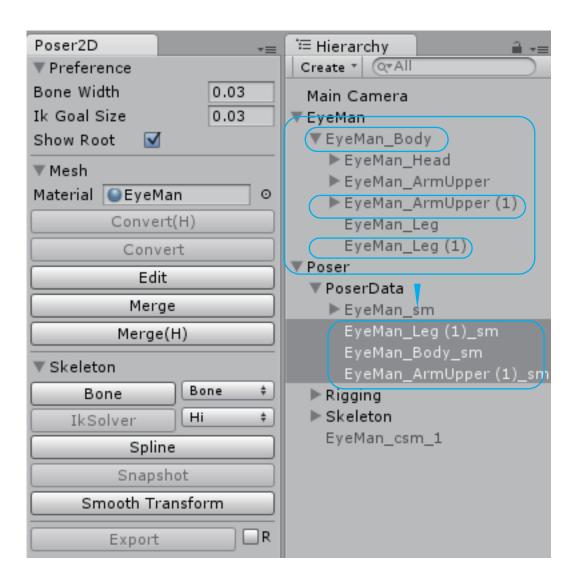
there is at least one sprite in selections



Mesh - Covert

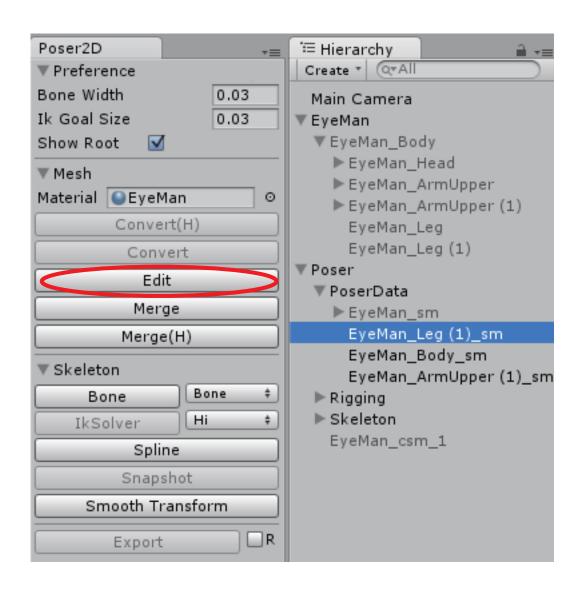
click button

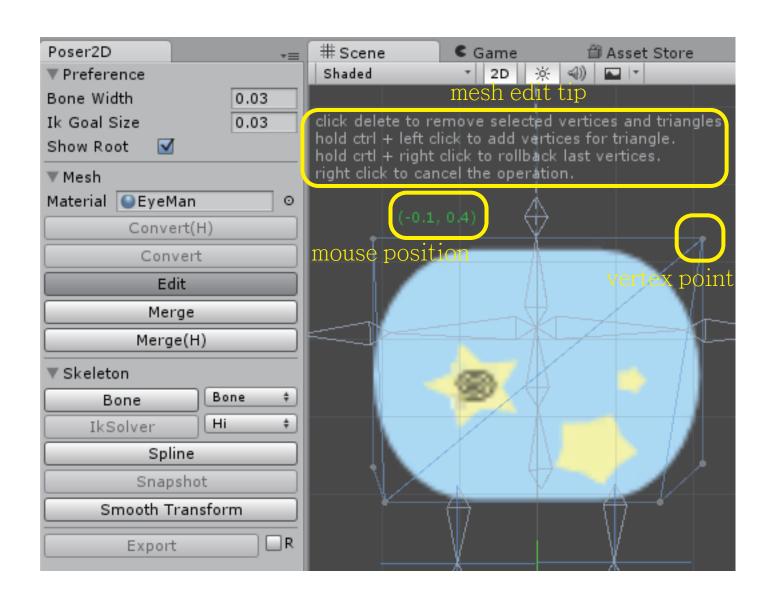
create meshs from sprites of selections and attach to PoserData



active button

there is a SkinBoneWeights in the last selection



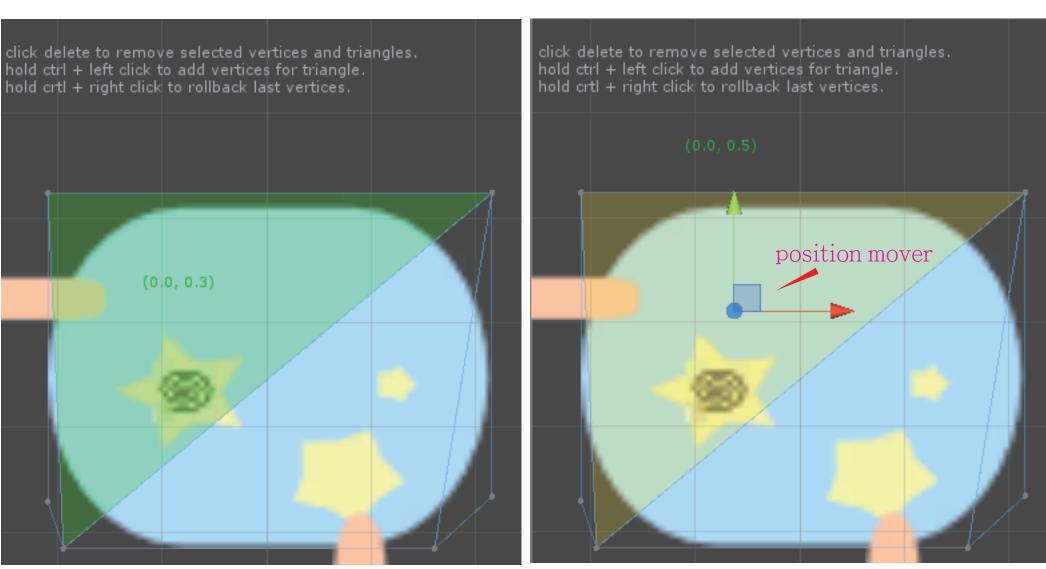


selected triangle could be moved by position mover.

press delete button to remove the selected triangle from mesh

mouse hover triangle

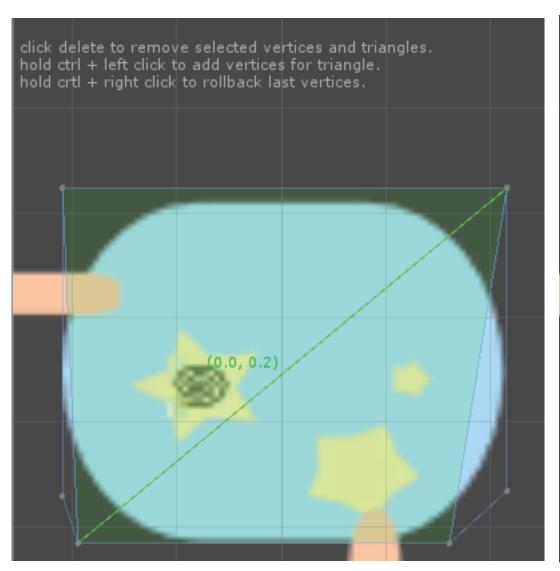
triangle be selected

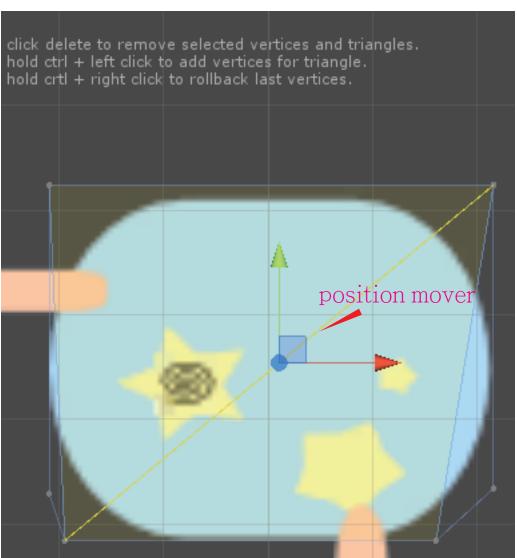


selected line could be moved by position mover.
press delete button to remove the selected line from mesh

mouse hover line

line be selected

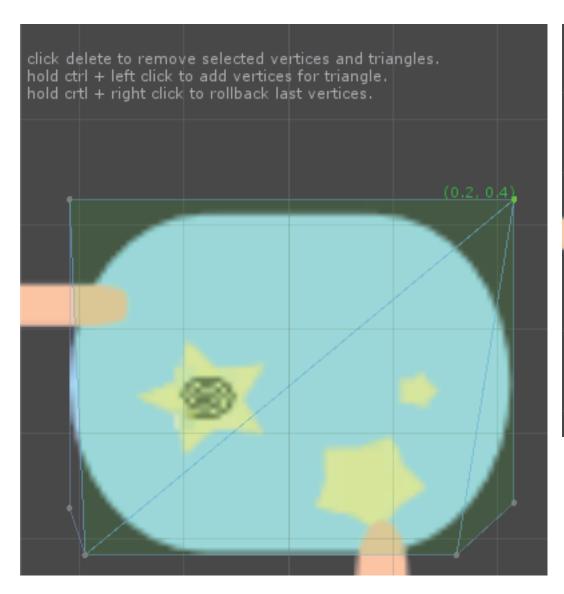


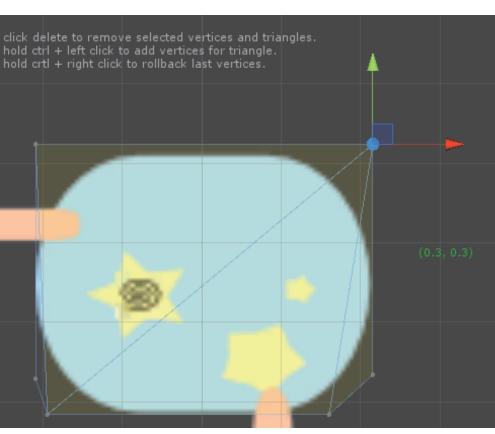


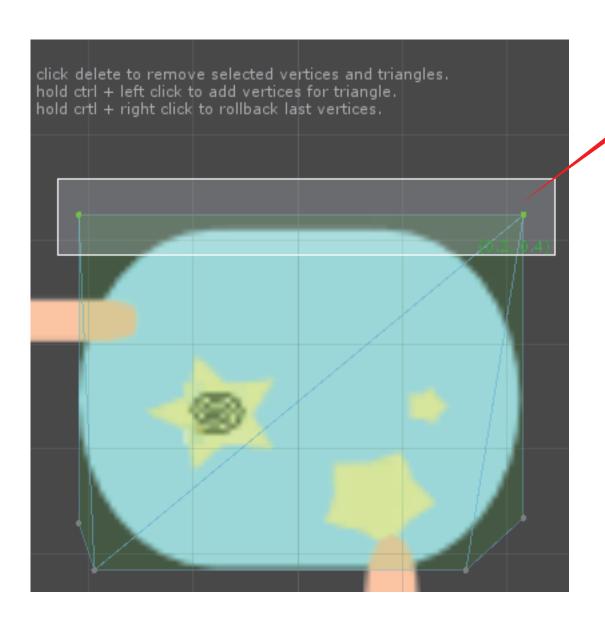
selected vertex could be moved by position mover.
press delete button to remove the selected vertex from mesh

mouse hover vertex

vertex be selected



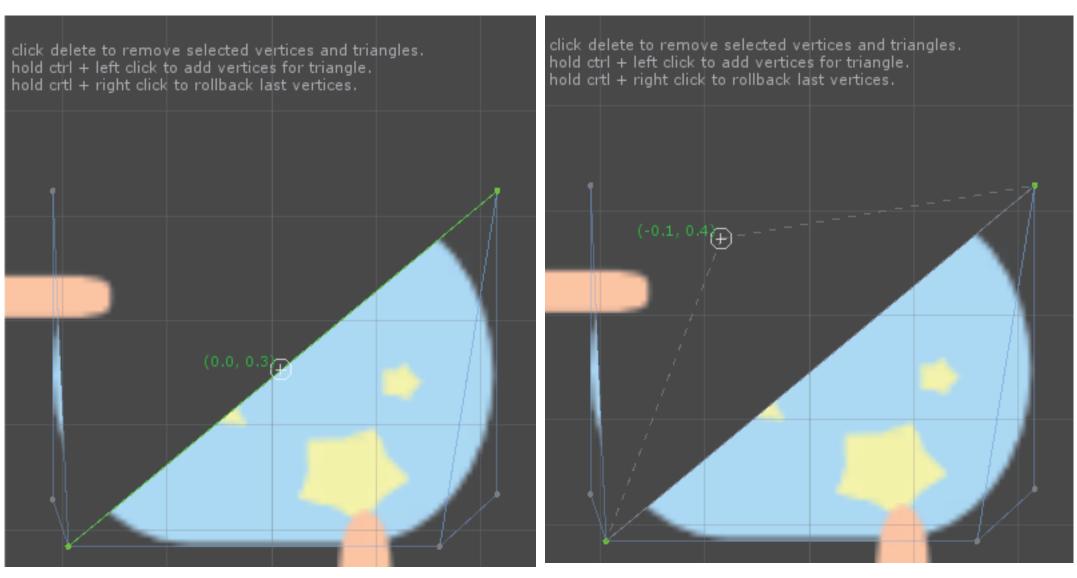




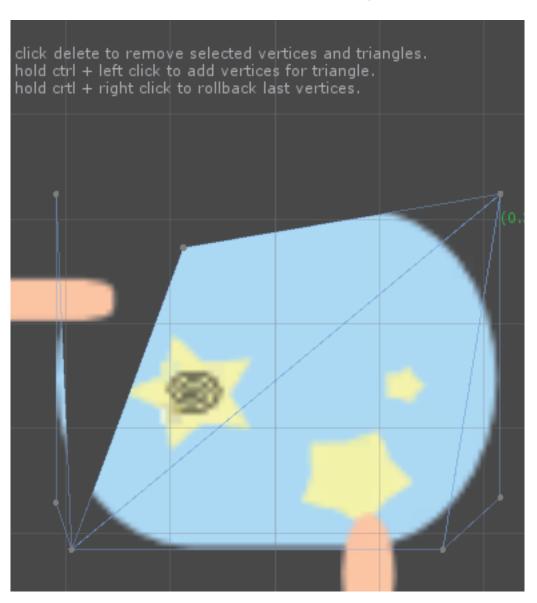
drag a rect to select multi vertices

click to select line

drag out to third point

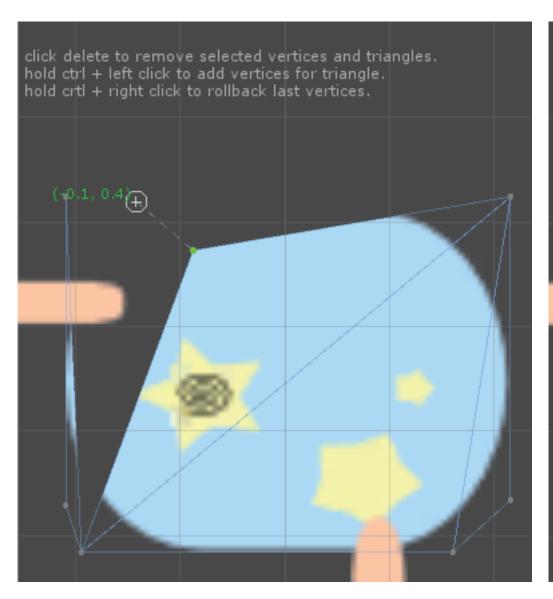


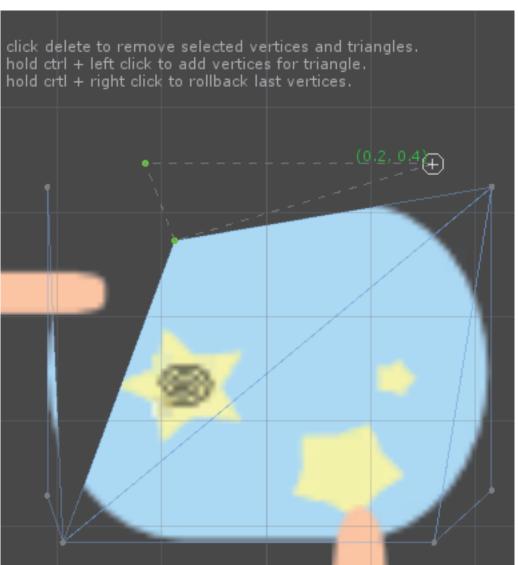
click to create a triangle



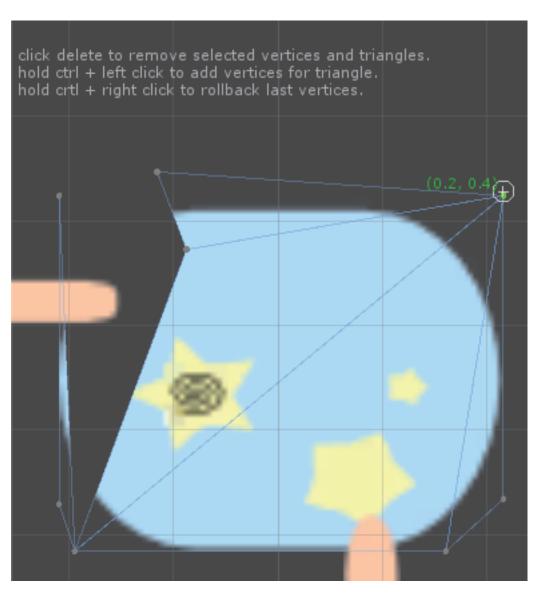
click first point then moving to second point

click second point then moving to third point





click at third point to create a triangle



Mesh - Merge

Merge - active button

there is at least one SkinBoneWeights in the selections.

Merge(H) - active button

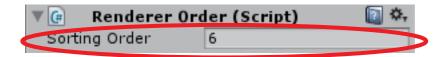
there is at least one SkinBoneWeights in the last selection or children

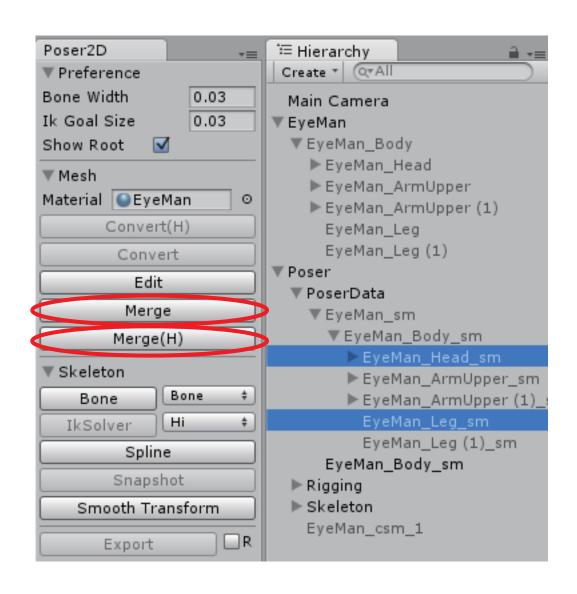
click button

if there is not any Bone, warning will be displayed.

Choice the file path to save merged mesh

merge order depend by sortingOrder

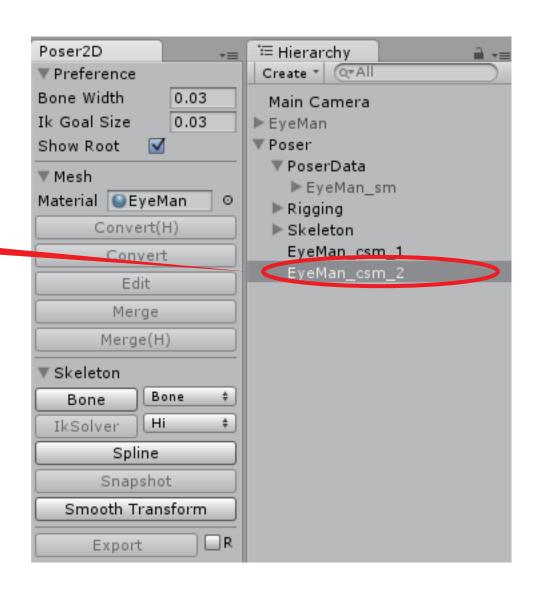




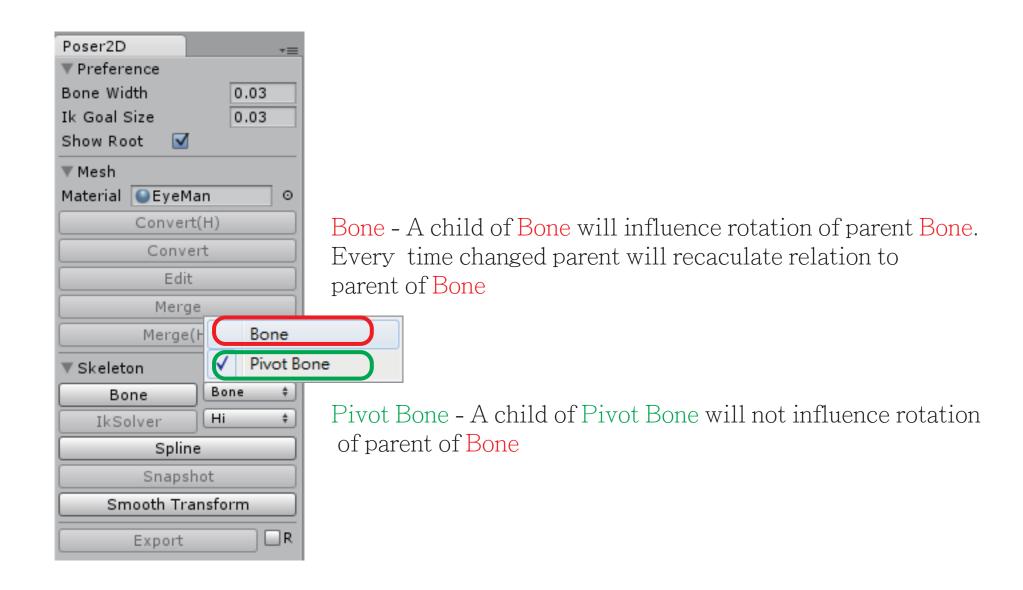
Mesh - Merge

click Merge/Merge(H) button

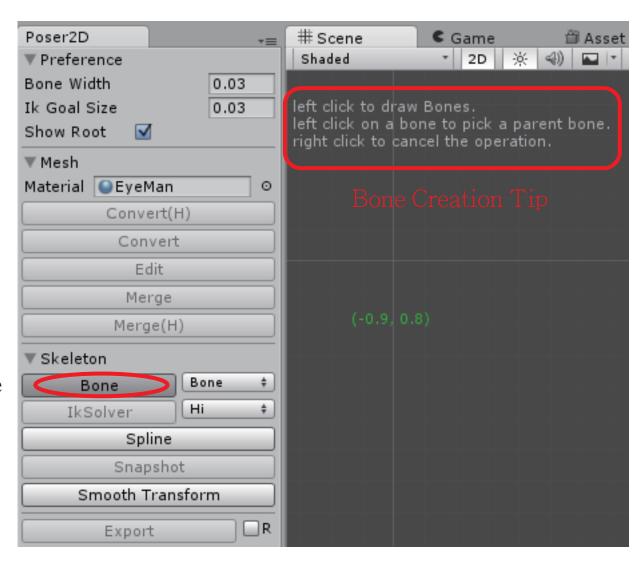
select a saving path for merged mesh then merged mesh will be selected



Skeleton - Bone

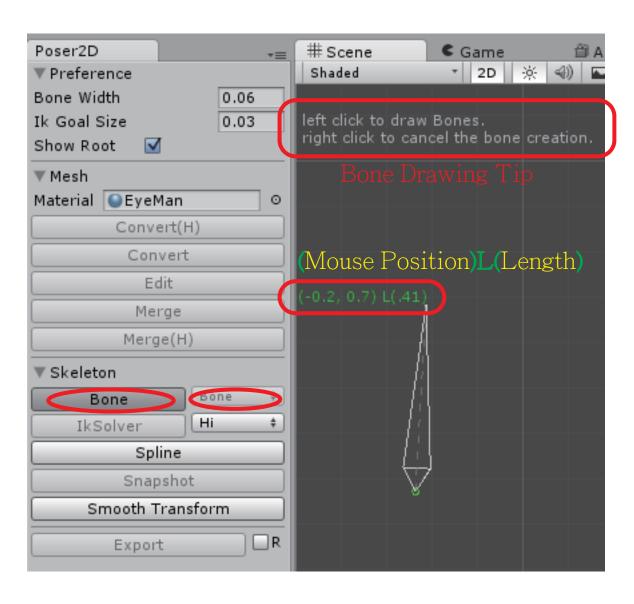


Skeleton - Bone - Bone



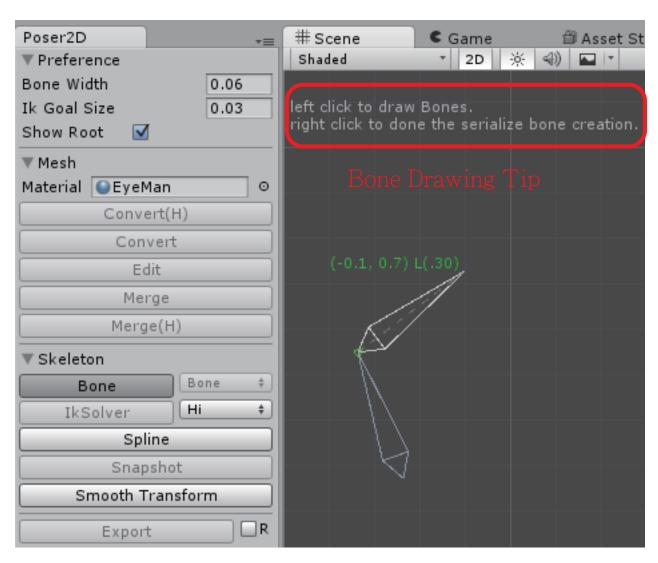
click button bone creation mode

Skeleton - Bone - Bone - 1



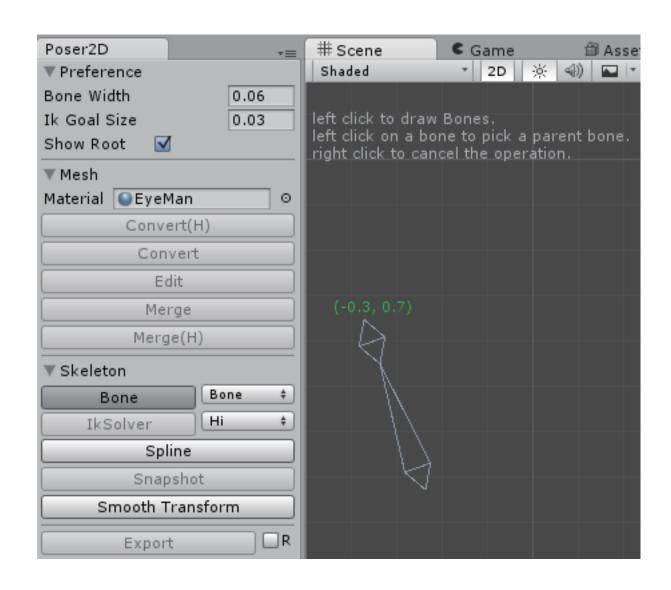
left click then moving out to draw a bone

Skeleton - Bone - Bone - 2



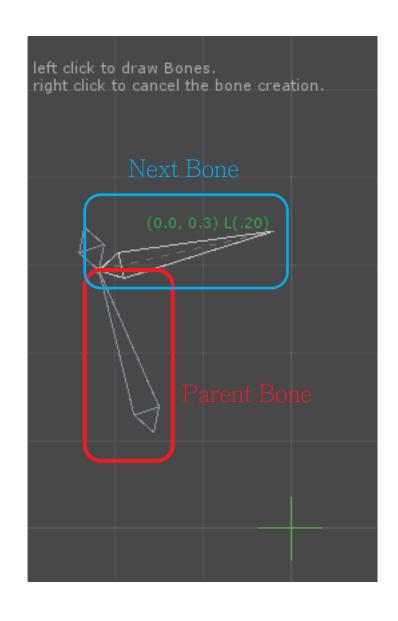
left click to created a bone then moving out to draw next child bone

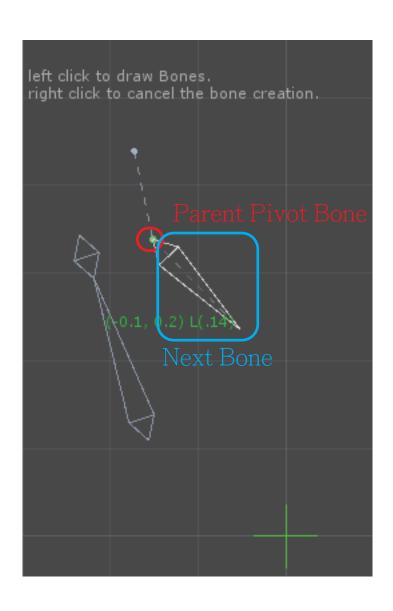
Skeleton - Bone - Bone - 3



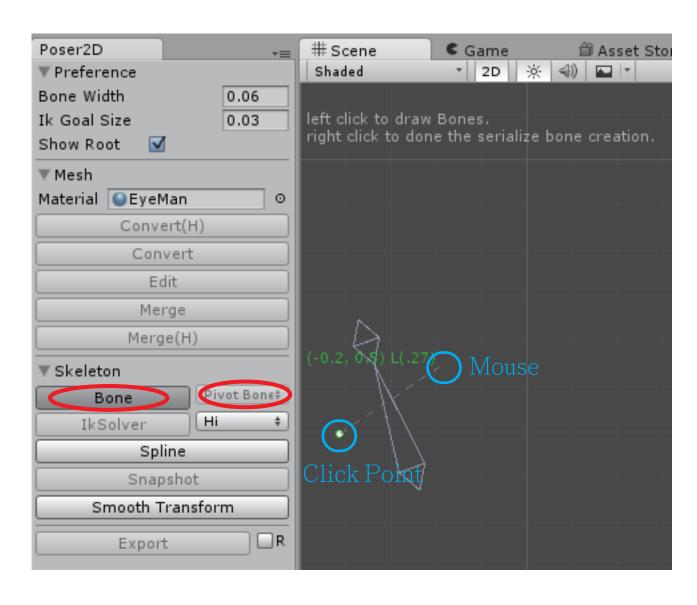
right click to created a bone then finish the bone creation

Skeleton - Bone - Bone - PickParent



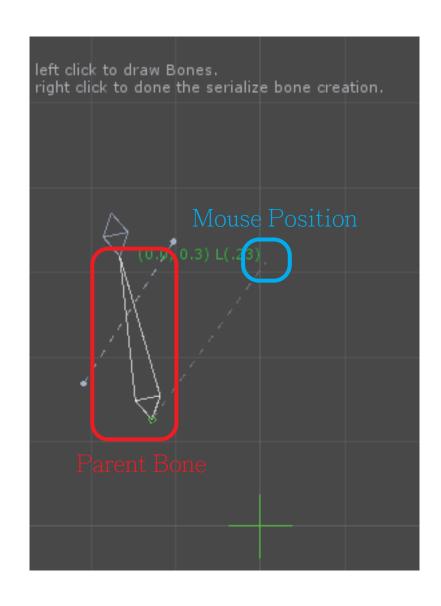


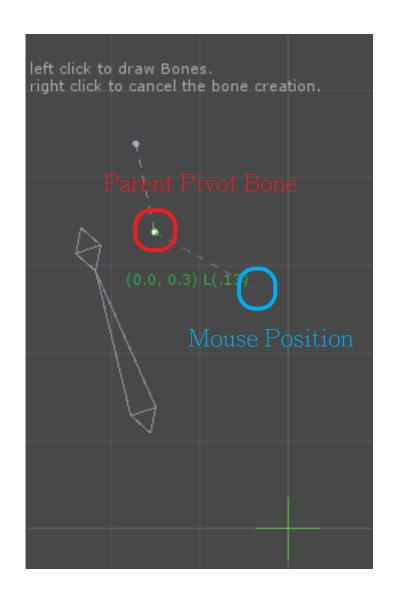
Skeleton - Bone - PivotBone



left click to create a pivot bone then moving out to create next one.

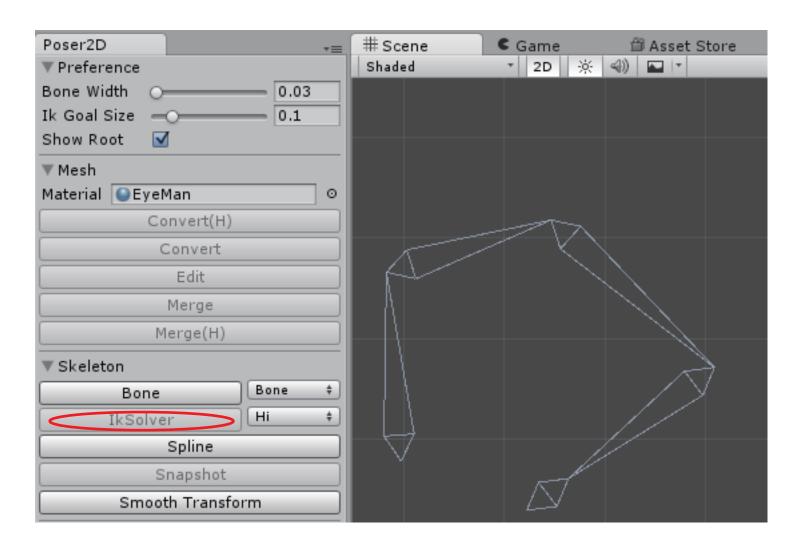
Skeleton - Bone - PivotBone - PickParent



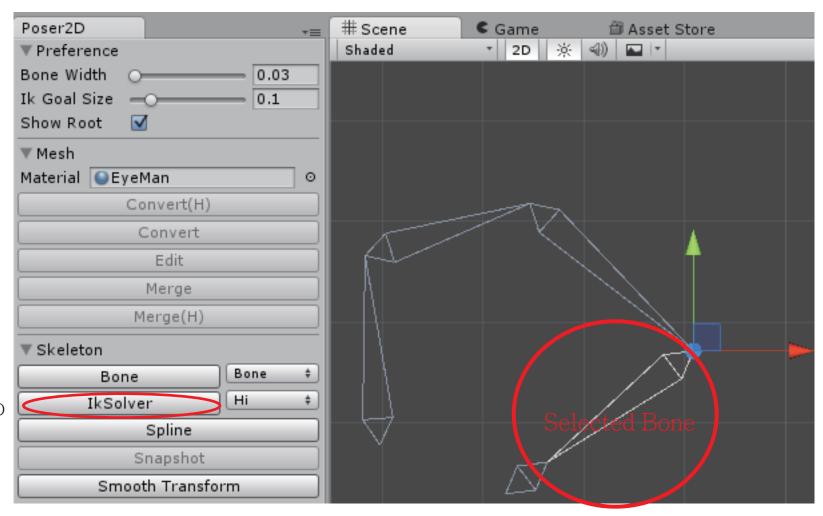


Skeleton - IkSolver - Unactive

select a Bone to active IkSolver button



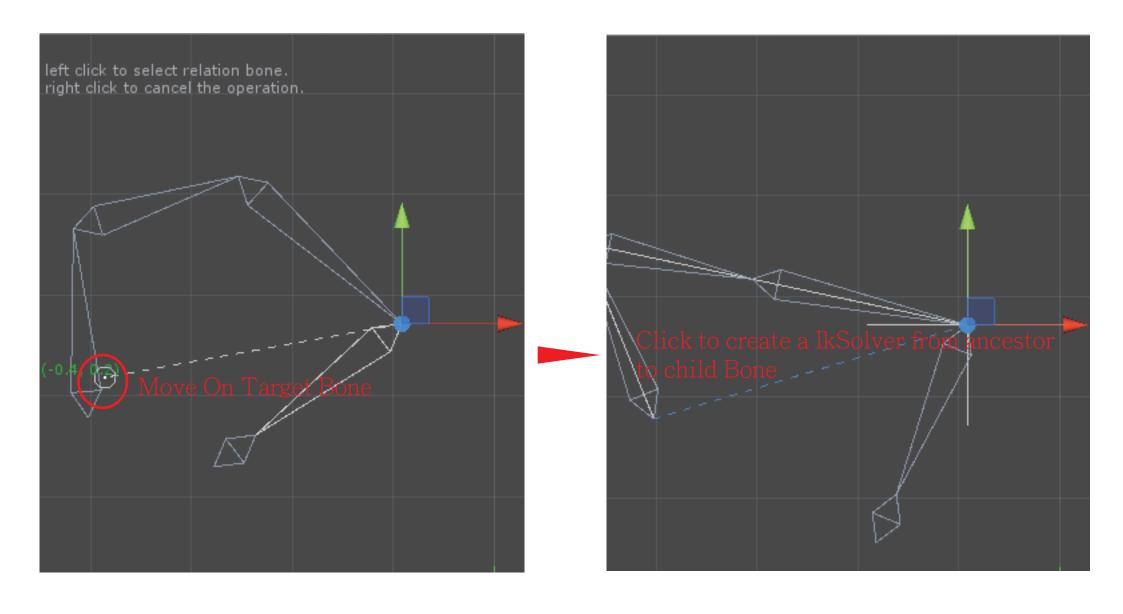
Skeleton - IkSolver - Active



Click IkSolver button to create a IkSolver.

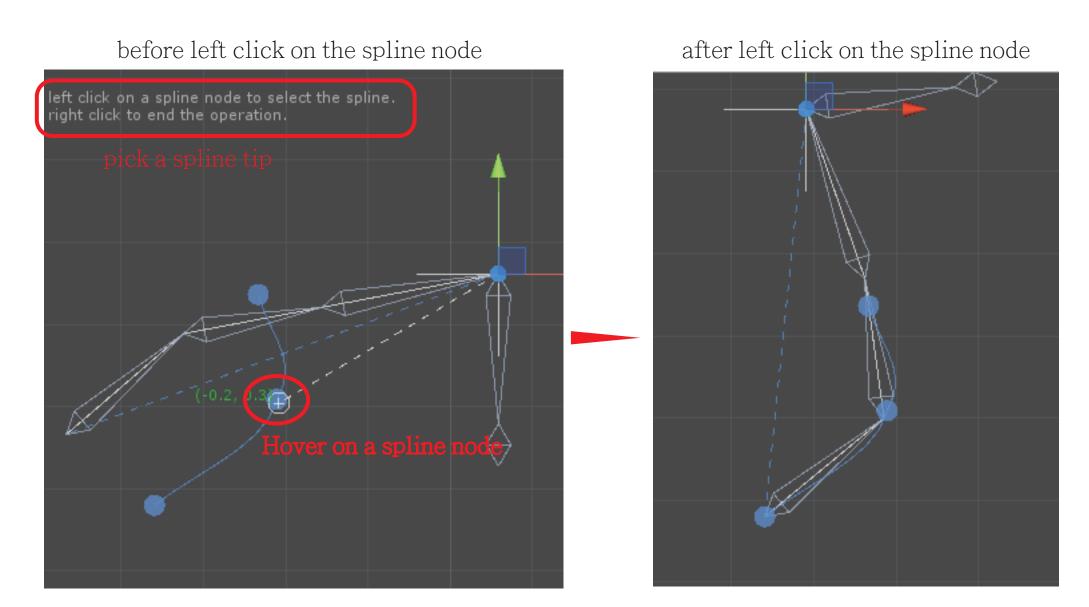
Skeleton - IkSolver - Creation

IkSolver Limb is only from ancestor to child bone with max 2 levels

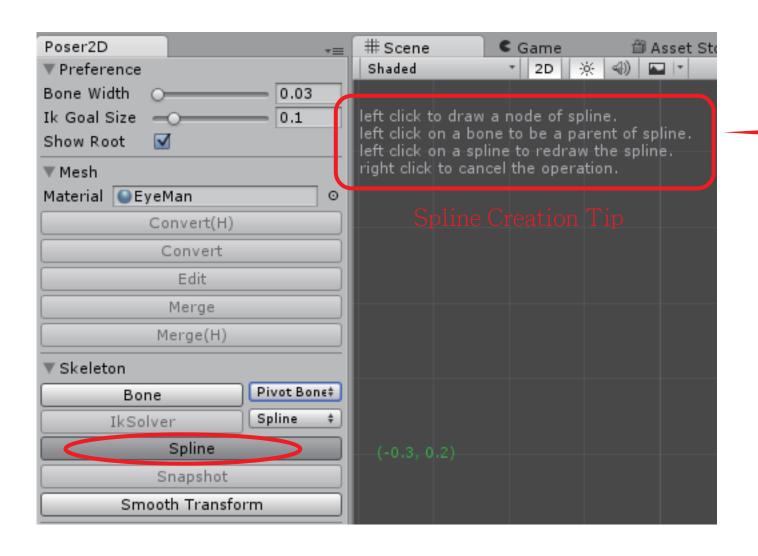


Skeleton - IkSolver - Creation - Spline

after created IkSolverSpline, you could assign a spline to IkSolverSpline



Skeleton - Spline - Creation



Bone or PivotBone

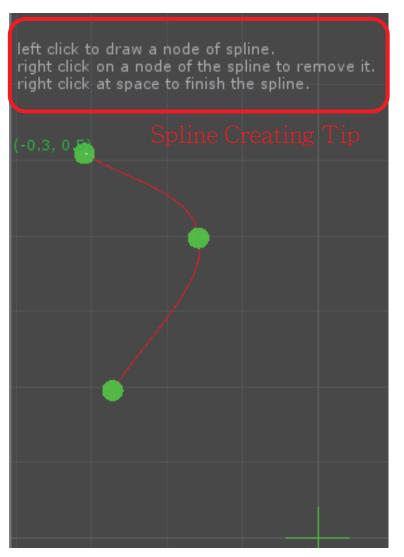
Skeleton - Spline - Creation

Step1: left click and move mouse Step2: left click and move mouse Step3: right click at space to finish

Step1

left click to draw a node of spline. right click on a node of the spline to remove it. right click at space to finish the spline.

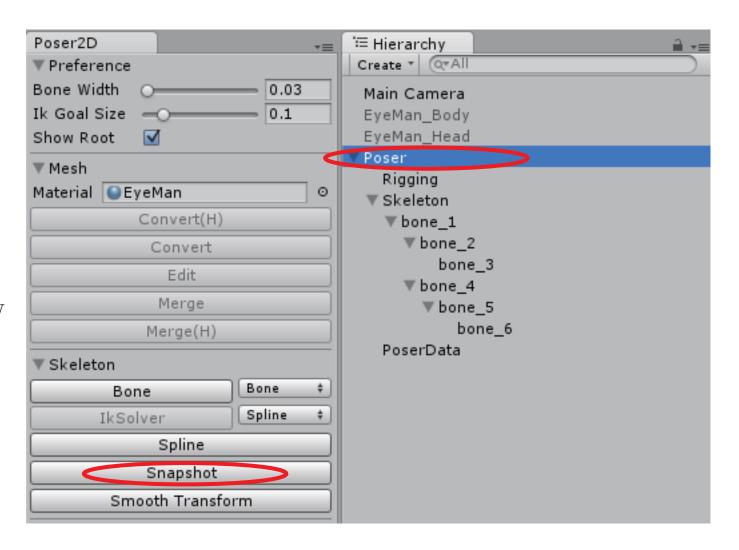
Step2



Skeleton - Snapshot

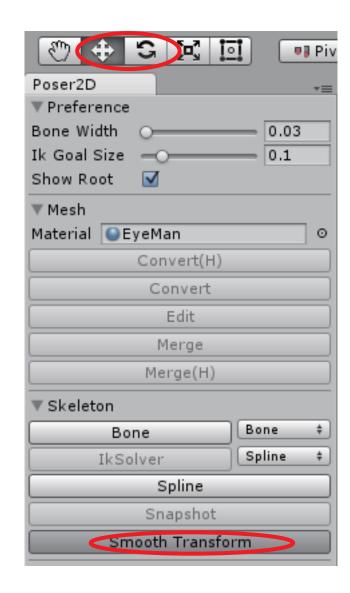
active button

select a Poser. click it to open snapshot window



Skeleton - SmoothTransform

smooth transform mode can use move and rotation in tools. let Bone move smooth to influence his parent Bone. it is only effect in the last selected transform.



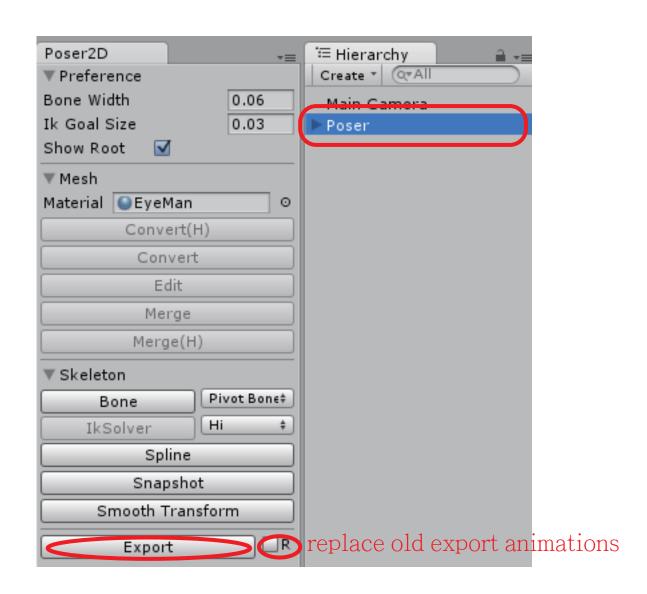
Export

active button:

the poser of the last selection

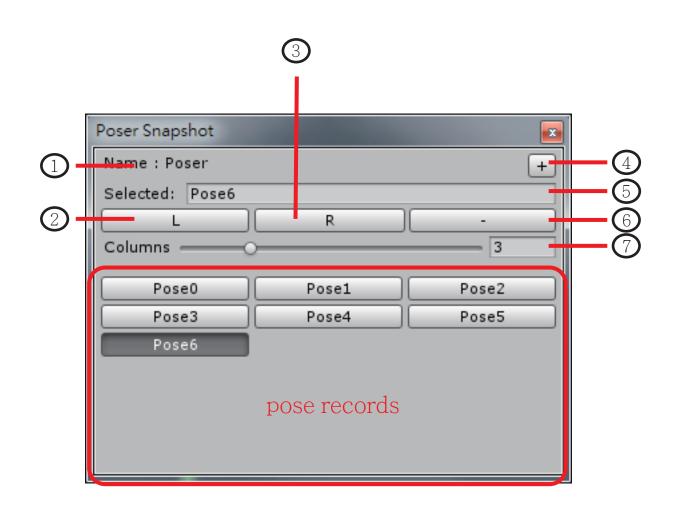
click button:

create a prefab from the poser and export all anmations (strip all edit data) in the same folder



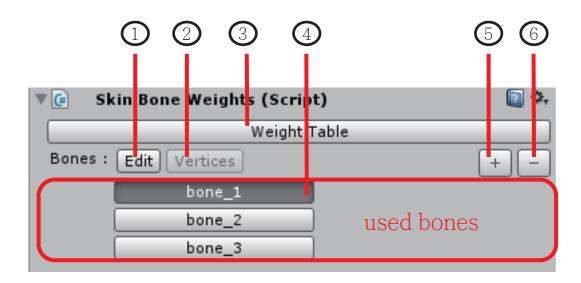
Snapshot Window

- 1 name of the selected Poser
- 2 load the selected pose recrod
- 3 reset the selected pose record
- 4 add new pose record
- 5 name of the selected pose record
- 6 remove the selected pose record
- 7 column number of pose recrods



SkinBoneWeights

- 1 edit bone data button
- 2 show vertices button (relation with selected bone)
- 3 open bone weight table
- 4 selected bone for edit
- 5 open bone picker window
- 6 remove selected bone

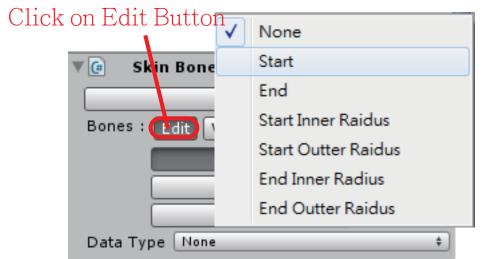


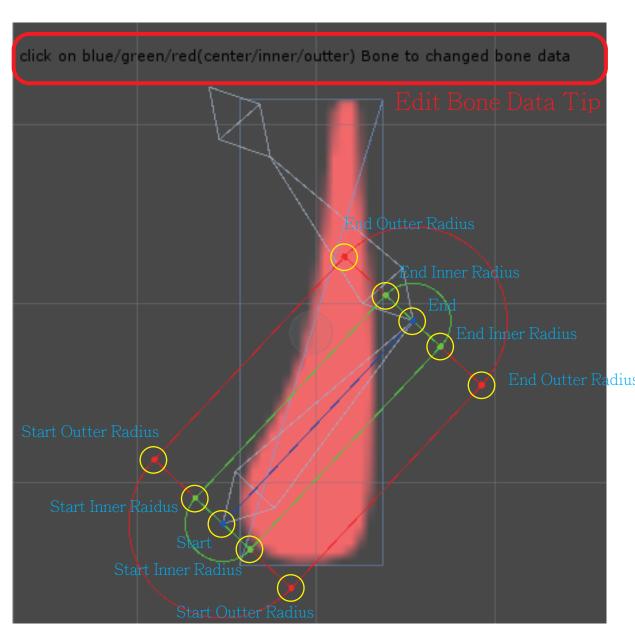
SkinBoneWeights - Edit Bone Data

click on yellow circle to select data type to change.

Bone Data Type:

- 1 Start
- 2 End
- 3 Start Inner Radius
- 4 Start Outter Radius
- 5 End Inner Radius
- 6 End Outter Radius

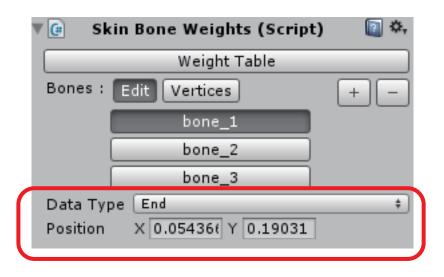


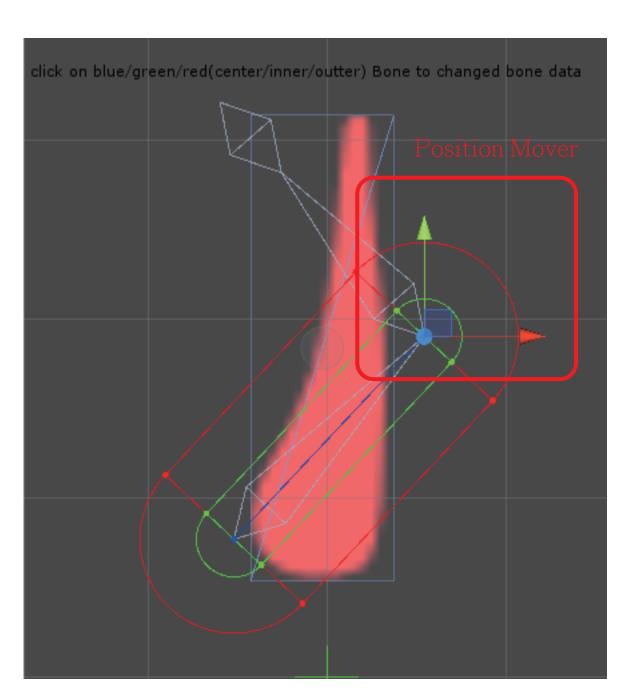


SkinBoneWeights - Edit BoneData - Start / End

Start End

drag Position mover to move position or modify position value in inspector



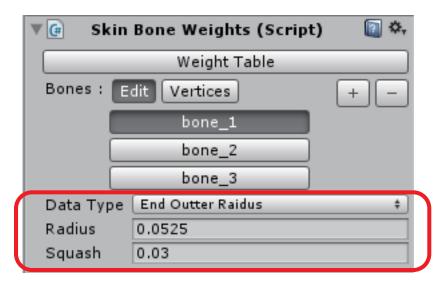


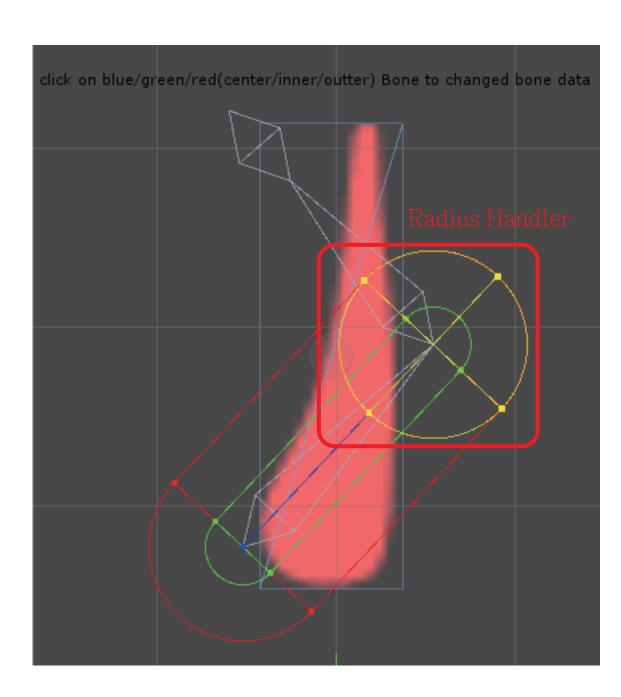
SkinBoneWeights - Edit BoneData - Radius

Start Inner Radius Start Outter Radius End Inner Radius End Outter Radius

drag Radius Handler to change radius or modify radius value in inspector

squash to push radius value when inner and outter too closed



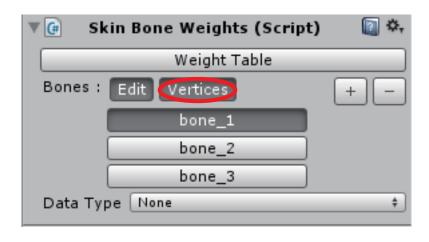


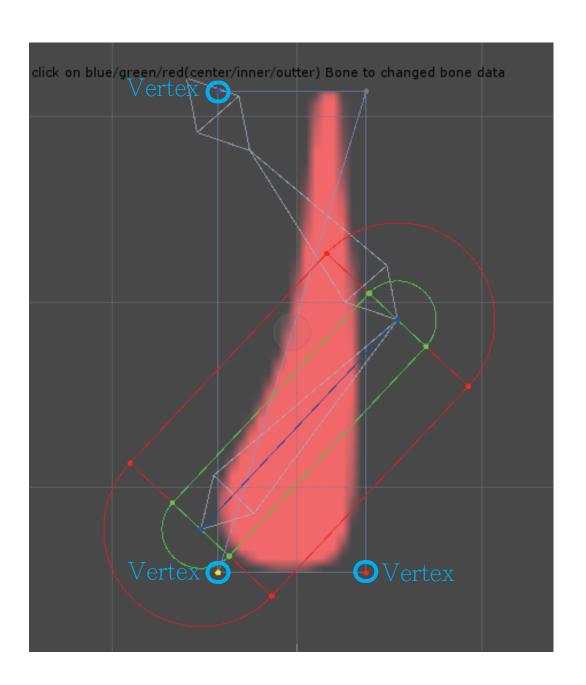
SkinBoneWeights - EditBoneData - Vertices

click on Vertices Button to show vertices of relation of the selected bone



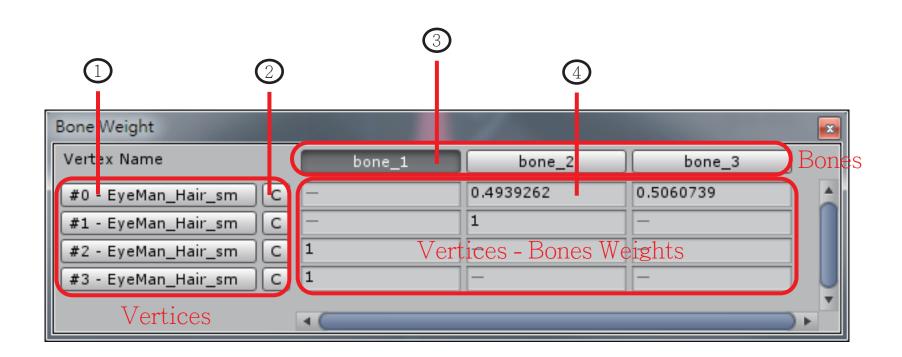






SkinBoneWeights - Bone Weight Table

- 1 vertex toggle, pressed will be displayed when editing bone data in SkinBoneWeights
- 2 weight custom toggle, pressed will not auto updated bone weight of the vertex when changed bone data (add bone or remove bone will auto untoggle).
- 3 bone mutex toggle, pressed will changed the selected bone in SkinBoneWeights.
- 4 weight of the column bone and the row vertex



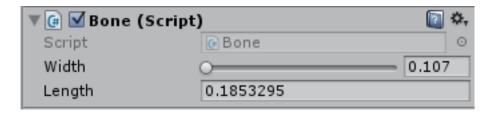
SkinBoneWeights - Bone Picker

left click to select a bone. ctrl + left click to add a selected bone. shift + left click to select bones from last selected bone to click bone.

click Select button to add selected bones to SkinBoneWeights. click Cancel to cancel this operation.

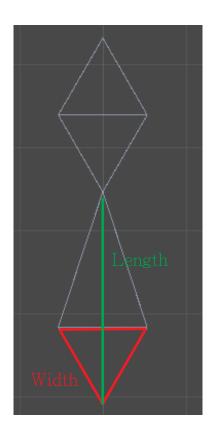


Bone

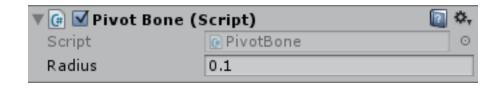


Width: used when bind bones to mesh to initial bone data.

Length: used when bind bones to mesh to initial bone data or caculate position for creating a child bone



Pivot Bone



Radius: used when bind bones to mesh to initial bone data.

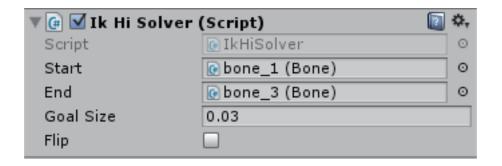
IkHiSolver, IkLimbSolver

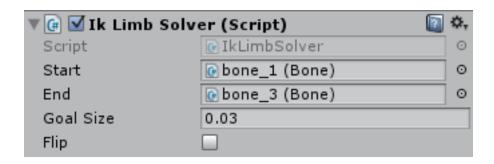


Start : first ancestor Bone node End : last posterity Bone node

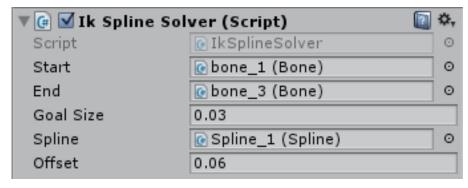
Goal Size: size of visual IkSolver for pick

Flip : flip caculation of IkSolver





IkSplineSolver

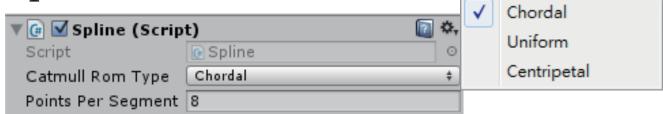


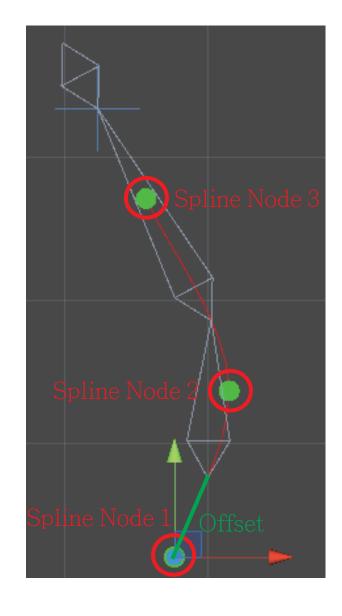
Start, End, Goal Size are same as IkHiSolver

Spline : used spline for IkSplineSolver

Offset : distance to Spline Node1

Spline





Catmull Rom Type : caculation type for curve of spline(show difference at next page)

Points Per Segmenet: points amount between 2 nodes of spline

Catmull Rom Type

http://www.cemyuksel.com/research/catmullrom_param/catmullrom.pdf url is more detail about Catmull Rom Type

