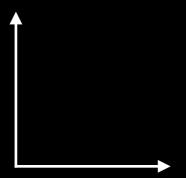
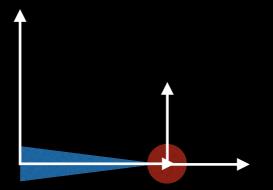
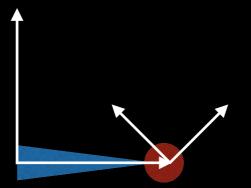
Empty world coordinate system



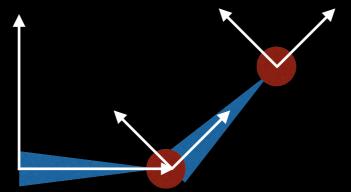
#### Create root link



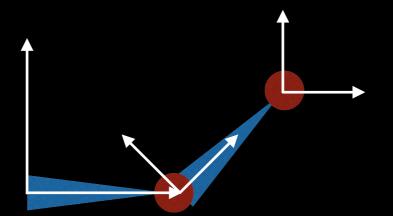
## Rotate 45 degrees



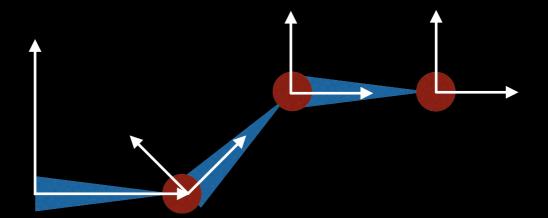
### Create intermediate link



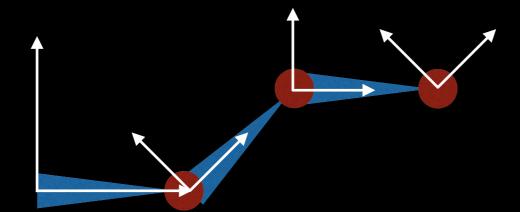
## Rotate -45 degrees



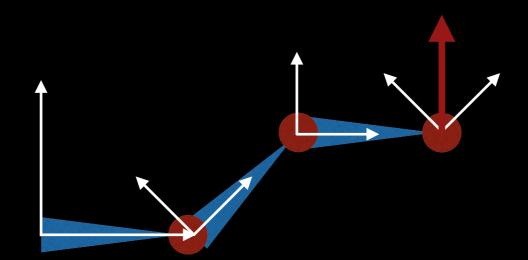
#### Create end effector link



# Rotate 45 degrees



### Place tool (1,1) in "hand"



#### Find tool position in world coordinate system

