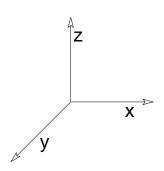
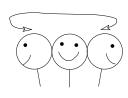
Some people have a hard time understanding about **roll**, **pitch**, and **yaw**. Here is a picture that may help:





- ullet yaw refers to the direction in which the body is facing i.e., its orientation within the xy plane, or the rotation of a body around the z axis
- ullet roll refers to whether the body is upside-down or not i.e., its orientation within the yz plane, or the rotation of a body around the x axis
- ullet pitch refers to whether the body is tilted i.e., its orientation within the xz plane, or the rotation of a body around the y axis

Here are some more pictures that may help:



yaw like when you shake your head "no"



roll
like when your neck hurts and
you roll your head to the left and right
in order to stretch out your neck...



pitch like when you nod your head "yes"