

Fig 1: Initial Position

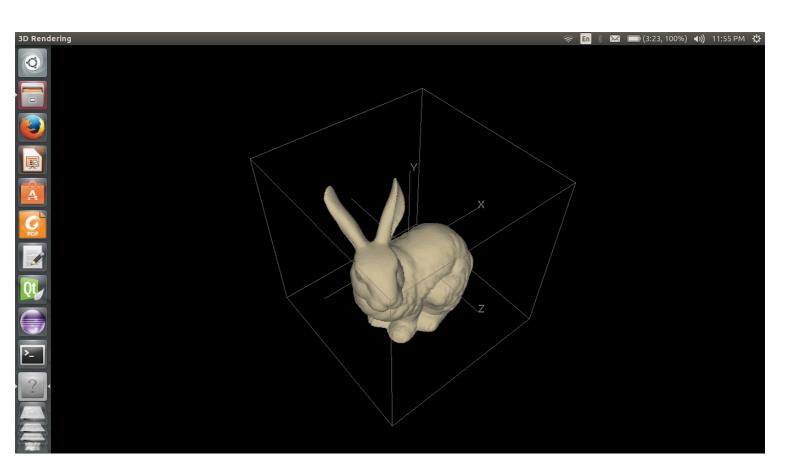


Fig 2: After rotation using mouse inputs.

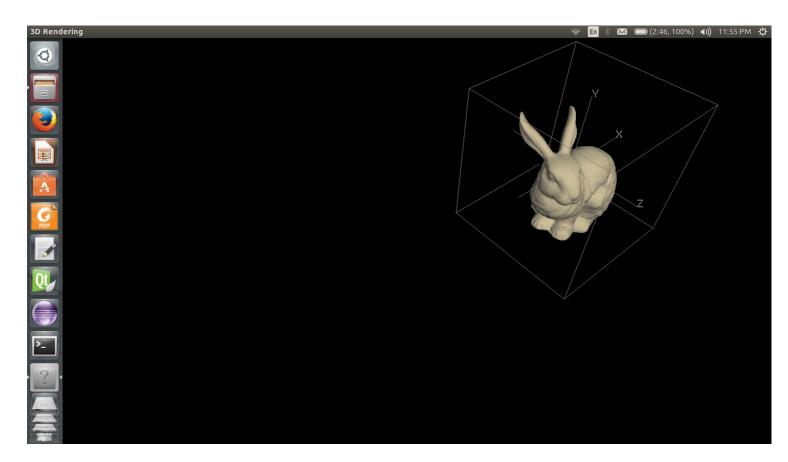


Fig 3: Translated both in  $\boldsymbol{x}$  and  $\boldsymbol{y}$  directions and rotated.

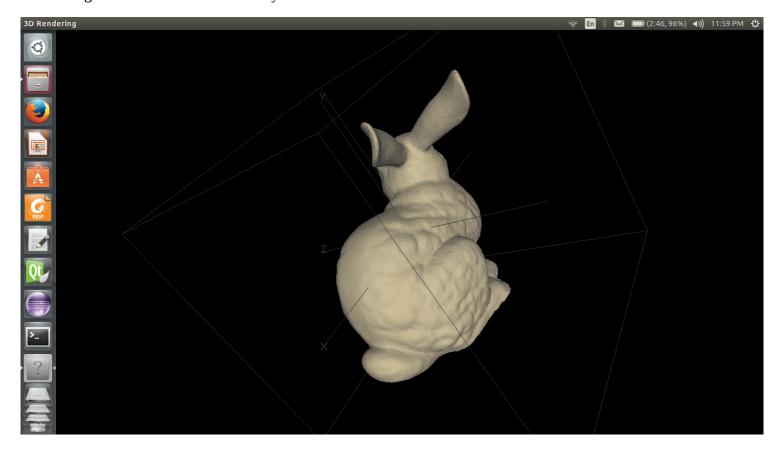


Fig 4: Zoomed and rotated