Realsense 
$$T = \begin{bmatrix} R & t \\ 0 & 1 \end{bmatrix}$$

$$T_{C}^{E}$$

$$T_{E}^{E} T_{C}^{C} T_{o}^{C} = T_{B}^{o} (T_{C}^{E}?)$$

$$T_{C}^{E} = (T_{E}^{B})^{-1} T_{B}^{o} (T_{o}^{C})^{-1}$$
Base object