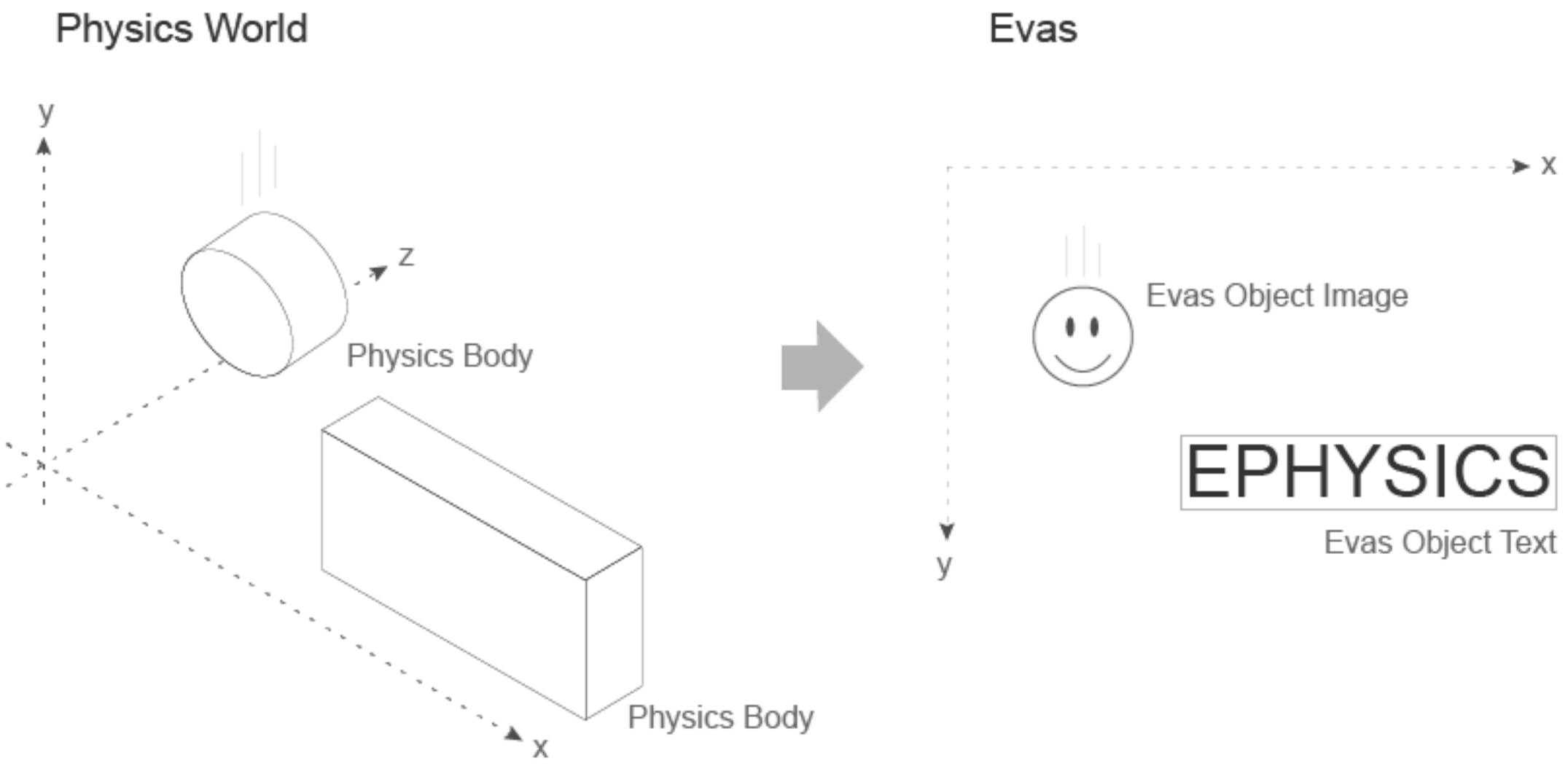PHYSICS ENGINE TO EVAS MAPPING