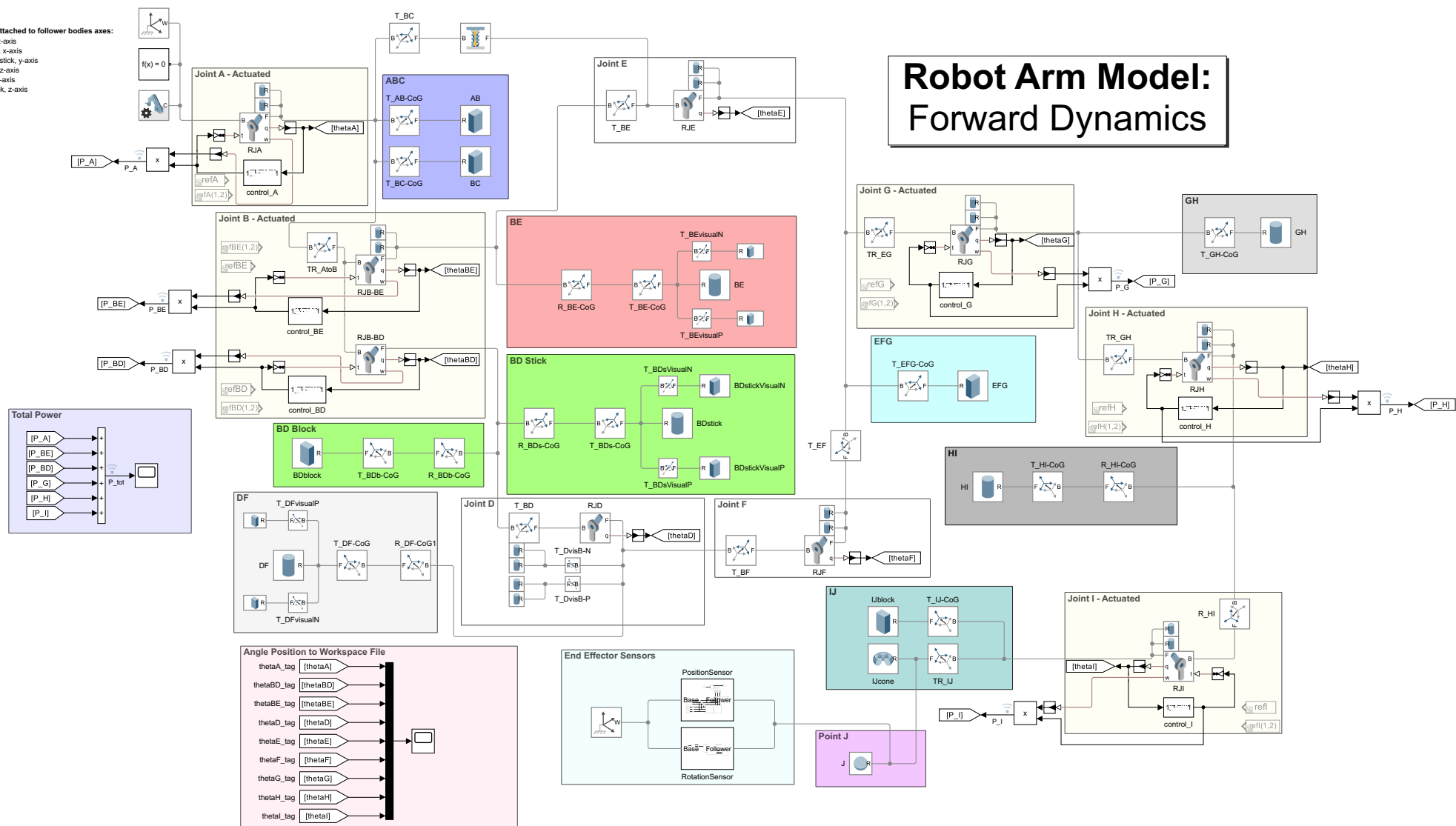
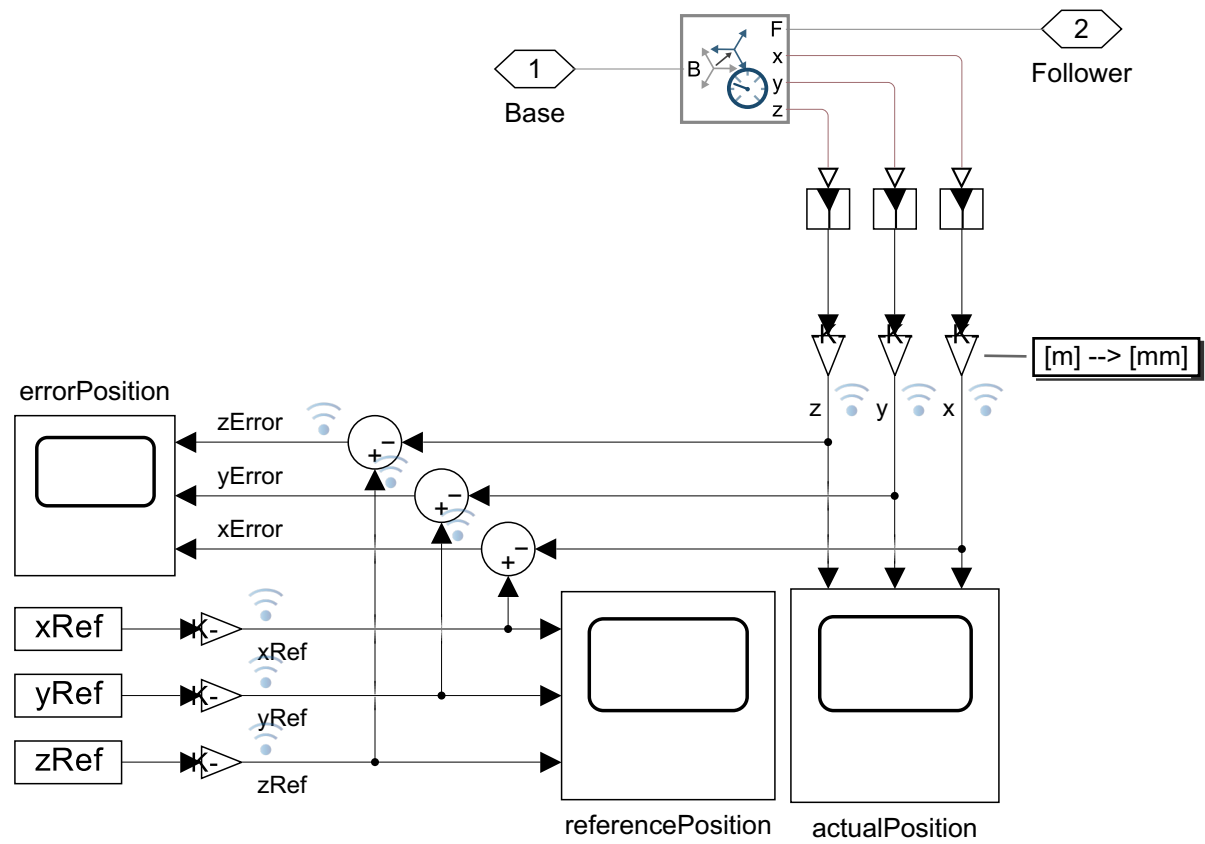


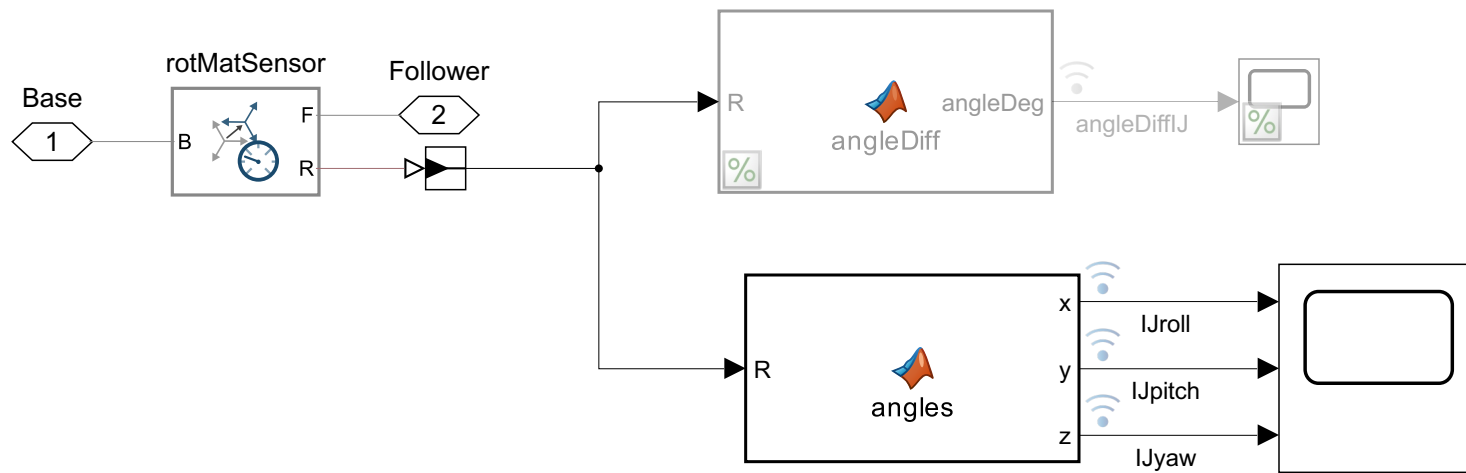
Joint inertias are attached to follower bodies axes:

- Joint A: body AB, z-axis
- Joint BE: body BE, x-axis
- Joint BD: body BDstick, y-axis
- Joint G: body GH, z-axis
- Joint H: body HI, y-axis
- Joint I: body Iblock, z-axis

Robot Arm Model: Forward Dynamics







```
function angleDeg = angleDiff(R)

axang = rotm2axang(R);

angleDeg = rad2deg(axang(4));
```

```
function [x,y,z] = angles(R)

xEul = rotm2eul(R, 'XYZ');
x = rad2deg(xEul(1));
yEul = rotm2eul(R, 'YXZ');
y = rad2deg(yEul(1));
zEul = rotm2eul(R, 'ZYZ');
z = rad2deg(zEul(1)) + 90; % Since it is rotated about world z-frame :)
```

