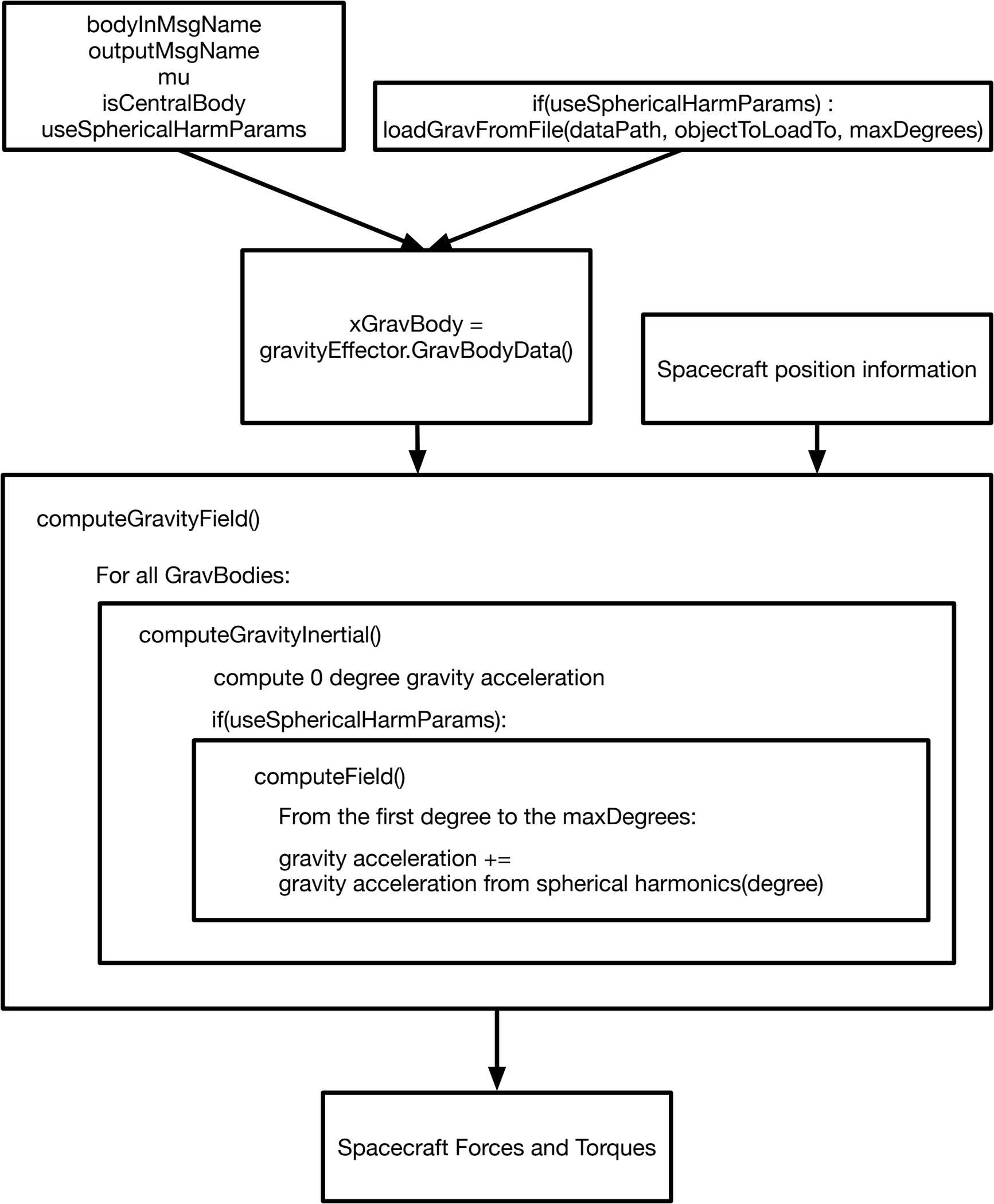
bodyInMsgName
outputMsgName
mu
isCentralBody
useSphericalHarmParams
if(useSphericalHarmParams) :
loadGravFromFile(dataPath, objectToLoadTo, maxDegrees)
xGravBody =
gravityEffector.GravBodyData()
Spacecraft position information
computeGravityField()
For all GravBodies:
computeGravityInertial()
compute 0 degree gravity acceleration
if(useSphericalHarmParams):
computeField()
From the first degree to the maxDegrees:
gravity acceleration +=
gravity acceleration from spherical harmonics(degree)
Spacecraft Forces and Torques