3 If we have time...

Example 4. Express $\iiint_E \sin(x + yz) dV$ as an iterated integral, where *E* lies below the surface $z = \underbrace{1 + x^2 + 4y^2}_{u_2(x, y)}$ and above the region in the $\underbrace{xy\text{-plane bounded by the curves}}_{x = 2y}$, x = 0, and y = 1.

