

- depot compartment: Ad
- central compartment: Ac, V
- linear elimination, k
- 1st order absorption, ka

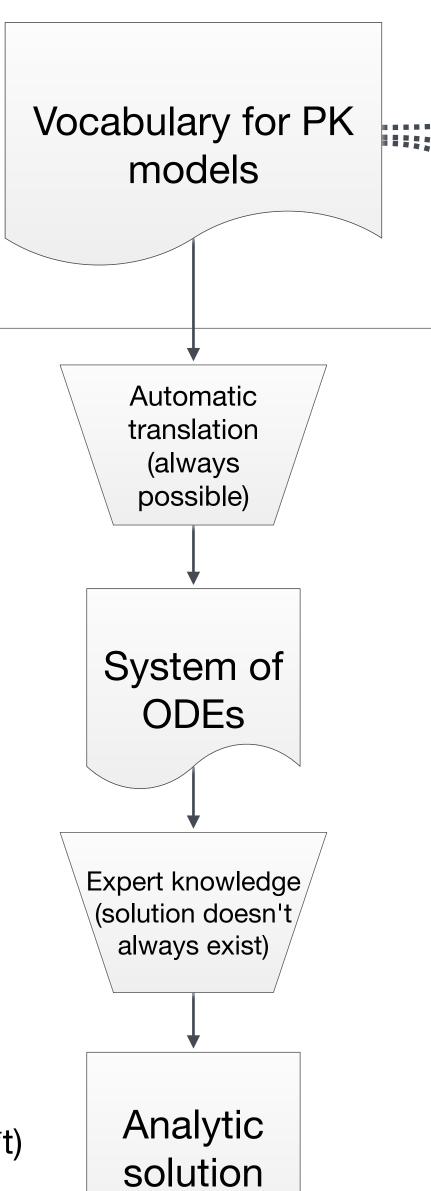
MDL/PharmML

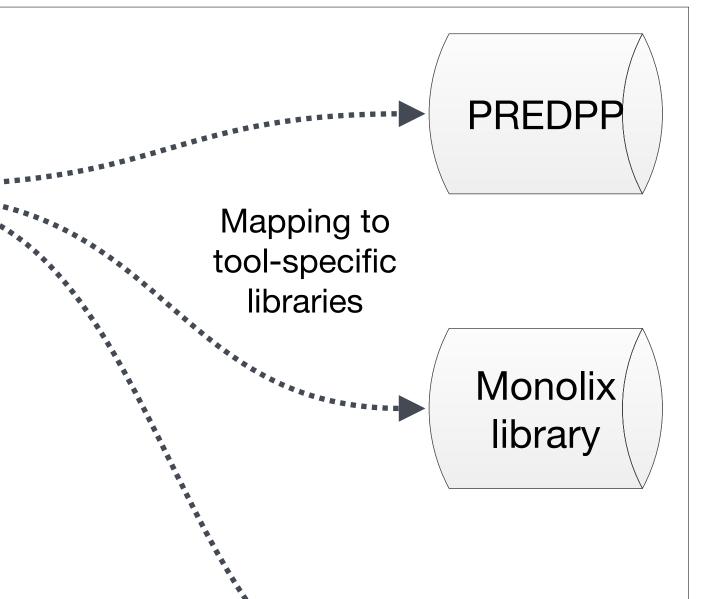
$$\frac{dAd}{dt} = -ka Ad$$

$$\frac{dAc}{dt} = ka Ad - k Ac$$

$$C = Ac/V$$

$$C(t) = \frac{D}{V} \frac{k}{ka - k} (\exp(-k^*t) - \exp(-ka^*t))$$





XYZ

library