Spring AOP – Aspect Oriented Programming

* What is it?
  + Terminology: Pointcut, Advice, Aspect, Joincut
  + Advice types: @Before, @After, @Around
* AOP = paradigm/way of programming that aims to increase modularity by allowing the separation of cross-cutting concerns
  + Cross cutting concerns = system service that are spread through app (logging, security, transaction management) into components whose responsibilities is something else
* We will be implementing Spring AOP by (1) intercepting calls from the business/service layer to the data/dao layer and (2) log info about the components’ methods when we intercept them
* Advice = what we do & where
* Pointcut = specific place that we do our advice
* Joincut = options of where we will define our pointcut
* Ex. Restaurant
  + Jp = menu that list your options of food
  + Pc = I want a burrito (specific)
  + Advice = on my burrito, I want to include some extra meat (what I want do here at my pointcut)
  + Diagram

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