**Spring Structs**

**Pattern is the way you can architect your application.**

**Framework provides foundation classes and libraries and Get us Started Quickly.**

**Spring**

**1/.Dependendency Injection or Inversion of Control.**

**2/.Aspect-Oriented Programming Framework.**

**3/.Data-access/Integration Framework.**

**4/.Model-View Controller Framework.**

**5/.Test Framework.**

**1/. Dependendency Injection or Inversion of Control.**

**Spring Dependendency provides two way of DI.**

**\*Using the Constructor Way.**

**\*Using the Setter Method Way.**

**X).Bean Scope**

**<bean value=”AppaKade” scope=”prototype”>**

**</bean>**

**<bean value=”AppaKade” scope=”singleton”>**

**</bean>**

**prototype / singleton දෙක විතරයි තියෙන්නේ.**

**The pre-Loading**

**If You use Application Context – By Default Spring Loads or Instantiate default Spring Loads or Instantiate default Spring Loads or Instantiate. All Singleton Beans what mentioned in Spring Config file. At the app start up time. That is the Pre-Loading of a Beans.**

**Lazy-Loding**

**Instantiate a singleton bean when you actually request using “GetBeans” Methord.**

**Lazy inite-true <<<<<< Use for Single Tern Only.**

**Beans Factory Interface.**

**That is one more Interface which you may use to access Spring Framework the way we have used**

**Here ApplicationContext That is Beans Factory Interface.**

**Attribute**

**Anotation**

**Interface dekai Initilaiysion Bean and**

**Spring Framework Front Controller ----🡪 Dispatcher Servlet**

**For Mapping The Urls(As Handler Mapping/Url Mapping)**

**-Simple URL Handler Mapping.**

**-BeansName(Handler Mapping).**

**-ControlHerClassNameHandlerMapping.**

**////////////////////////////////////////////////**

**Object Oriented Problems.**

**--To many relationships to the crosscutting Objects.**

**-Code is still required in all methods.**

**--Cannot all be Changed at once.**

**Cross Cutting Conceres.**

**--Logging**

**--Transaction**

**--Security**

**@After**

**@Befor**

**Struct-2**