Start Spring boot

Text

a) frameworkds available on the classpath
b) existing configuration for the application based on these, spring boot
provides basic configuration needed to configure the application with these
frameworkds. This is called **auto Cofiguration**

Text

If any class path found based on the @ConditionalOnclass path then
configuration for that functionality is enabled thorugh auto
configuration@**ConditionalOnClass**(**DispatcherServlet**.class) class
DispatcherServletAutoConfiguration **or** @ConditionalOnClass({
DataSource.class, EmbeddedDatabaseType.class })
public class DataSourceAutoConfiguration {

@ConditionalOnMissingBean : This bean is configured only if there is no
other bean configured with the same name.
@Bean
@ConditionalOnMissingBean
public DataSourceInitializer dataSourceInitializer() {
return new DataSourceInitializer();
}

All auto configuration logic is implemented in
spring-boog-autoconfiguration.jar like mvc, data source, jms etc

Other important file in spring-boot-autoconfigure.jar is **/META-INF/spring.factories**
org.springframework.boot.autoconfigure.EnableAutoConfiguration=
org.springframework.boot.autoconfigure.aop.AopAutoConfiguration,
DispatcherServletAutoConfiguration