# Spring Boot Guide

**Q1. How do you convert spring boot application into executable Jar?**

Add **spring-boot-maven-plugin** and run **mvn package** command from the terminal.

**Q2. How do you convert spring boot jar into war file?**

Change embedded tomcat dependency scope to provided and and package type to war and run the mvn package plugin

**Q3. Which dependency is used to auto re-load application?**

There is dependency called spring-devtools that will be auto reloads the application whenever there is a change in the classpath files.

**NOTE**: dev-tools automatically disabled when you run form executable Jar.

**Limitation**: Restart functionality does not work well with objects that are deserialized using a standard ObjectInputStream. If you need to deserialize data, you may need to use spring’s ConfigurableObjectInputStream in combination with Thread.currentThread (). getContextClassLoader ().

**Q4. How spring remote works?**

**Q5. How do you customize DispatchServlet URL Mapping in spring Boot application?**

There are few steps to customize spring boot application.

1. Exclude default DispatchServlet configuration with below code

@SpringBootApplication(exclude = DispatcherServletAutoConfiguration.**class**)

1. Define new DispatchServlet Bean as shown below in WebMvcConfigurerAdapter extensioinc lass

@Bean

**public** ServletRegistrationBean dispatcherServletBean(WebApplicationContext webApplicationContext) {

**final** ServletRegistrationBean registrationBean = **new** ServletRegistrationBean(**new** DispatcherServlet(webApplicationContext));

registrationBean.setLoadOnStartup(1);

registrationBean.setName("dispatcherServlet");

registrationBean.addUrlMappings("/api/\*");

**return** registrationBean;

}

Q6. The @Configuration is required if @EnableWebMvc present?

YES. Some of the components are not properly configuring if @Configuration is not present.