

<http://blog.csdn.net/u011179993/article/details/51475732>

## 1. 加载 Initializers, listener

```
private void initialize(Object[] sources) {
    if(sources != null && sources.length > 0) {
        this.sources.addAll(Arrays.asList(sources));
    }

    this.webEnvironment = this.deduceWebEnvironment();
    this.setInitializers(this.getSpringFactoriesInstances(Application
ionContextInitializer.class));
    this.setListeners(this.getSpringFactoriesInstances(Application
Listener.class));
    this.mainApplicationClass = this.deduceMainApplicationClass();
}
```

spring.factories的资源文件中进行加载

## 2. RUN

```
public ConfigurableApplicationContext run(String... args) {
    Stopwatch stopWatch = new Stopwatch();
    stopWatch.start();
    ConfigurableApplicationContext context = null;
    this.configureHeadlessProperty();
    SpringApplicationRunListeners listeners = this.getRunListeners
(args);
    listeners.started();

    try {
        DefaultApplicationArguments ex = new DefaultApplicationArg
uments(args);
```

```

        ConfigurableEnvironment environment = this.prepareEnvironment(listeners, ex);
        Banner printedBanner = this.printBanner(environment);
        context = this.createApplicationContext();
        this.prepareContext(context, environment, listeners, ex, printedBanner);
        this.refreshContext(context);
        this.afterRefresh(context, ex);
        listeners.finished(context, (Throwable)null);
        stopWatch.stop();
        if(this.logStartupInfo) {
            (new StartupInfoLogger(this.mainApplicationClass)).logStarted(this.getApplicationLog(), stopWatch);
        }

        return context;
    } catch (Throwable var8) {
        this.handleRunFailure(context, listeners, var8);
        throw new IllegalStateException(var8);
    }
}

```

- a. 加载了一系列SpringApplicationRunListener对象([spring.factories](#)的资源文件中进行加载)
- b. 加载配置
- c. 打印banner
- d. 创建并初始化applicationContext, 加载bean
- e. 执行commandRunner