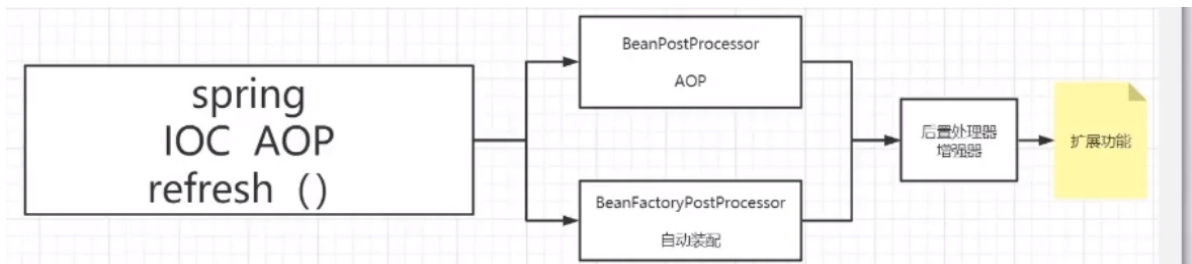


springboot自动装配

- 需要什么依赖，引入 starter 即可
- spring.factories可以理解为键值对，可读很多类似字符串



```
public ConfigurableApplicationContext run(String... args) {
    Stopwatch stopwatch = new Stopwatch();
    stopwatch.start();
    ConfigurableApplicationContext context = null;
    Collection<SpringBootExceptionHandler> exceptionReporters = new
    ArrayList();
    this.configureHeadlessProperty();
    SpringApplicationRunListeners listeners = this.getRunListeners(args);
    listeners.starting();

    Collection exceptionReporters;
    try {
        ApplicationArguments applicationArguments = new
        DefaultApplicationArguments(args);
        ConfigurableEnvironment environment =
        this.prepareEnvironment(listeners, applicationArguments); //准备环境
        this.configureIgnoreBeanInfo(environment);
        Banner printedBanner = this.printBanner(environment);
        context = this.createApplicationContext();
        exceptionReporters =
        this.getSpringFactoriesInstances(SpringBootExceptionHandler.class, new Class[]
        {ConfigurableApplicationContext.class}, context);
        //以上准备工作
        this.prepareContext(context, environment, listeners,
        applicationArguments, printedBanner);
        //

        this.refreshContext(context);
        //会调用refresh 核心invokeBeanFactoryPostProcessors()
        this.afterRefresh(context, applicationArguments);
        stopwatch.stop();
        if (this.logStartupInfo) {
            (new
            StartupInfoLogger(this.mainApplicationClass)).logStarted(this.getApplicationLog(
            ), stopwatch);
        }

        listeners.started(context);
        this.callRunners(context, applicationArguments);
    } catch (Throwable var10) {
```

```

        this.handleRunFailure(context, var10, exceptionReporters,
listeners);
        throw new IllegalStateException(var10);
    }

    try {
        listeners.running(context);
        return context;
    } catch (Throwable var9) {
        this.handleRunFailure(context, var9, exceptionReporters,
(SpringApplicationRunListeners)null);
        throw new IllegalStateException(var9);
    }
}

```

- `getSpringFactoriesInstances` 读取 `spring.factories` 文件并实例化??
- `ConfigurationClassPostProcessor` 自动装配很重要的类
- `load -> import` 注解解析 ->