



链滴

SpringBoot 中 Filter 初体验

作者: [flowaters](#)

原文链接: <https://ld246.com/article/1543736541214>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

前言

Filter这个东西，一直听说过，但是一直没机会实践一把。

今天终于有个做鉴权的机会，可以体验一把了。

初体验

快速上手

```
import java.io.IOException;

import javax.servlet.Filter;
import javax.servlet.FilterChain;
import javax.servlet.FilterConfig;
import javax.servlet.ServletException;
import javax.servlet.ServletRequest;
import javax.servlet.ServletResponse;
import javax.servlet.http.HttpServletRequest;

import org.springframework.core.annotation.Order;
import org.springframework.stereotype.Component;

import lombok.extern.slf4j.Slf4j;

@Component
@Order(1)
@Slf4j
public class WebFilter implements Filter {
    @Override
    public void init(FilterConfig filterConfig) throws ServletException {
    }

    @Override
    public void doFilter(ServletRequest request, ServletResponse response, FilterChain chain)
        throws IOException, ServletException {
        HttpServletRequest req = (HttpServletRequest)request;
        log.error(
            "Starting a transaction for req : {}",
            req.getRequestURI());

        chain.doFilter(request, response);
        log.error(
            "Committing a transaction for req : {}",
            req.getRequestURI());
    }

    @Override
    public void destroy() {
    }
}
```

```
}
```

效果

```
2018-12-02 15:19:52.017 [http-nio-8080-exec-1] ERROR c.a.n.f.main.filter.web.WebFilter - Starting a transaction for req : /
```

```
2018-12-02 15:19:52.081 [http-nio-8080-exec-1] ERROR c.a.n.f.main.filter.web.WebFilter - Committing a transaction for req : /
```

拦截顺序

通过`@Order`注释，来设置Filter的优先级。

拦截特定URL

将WebFilter中的`@Component`注解删除掉，通过Configuration来加载Bean，示例如下：

```
@Slf4j
public class FilterConfiguration {

    @Configuration
    @ConditionalOnProperty(value = "appconfig.filter.enable", havingValue = "true")
    public static class WebFilterConfiguration {
        @Bean
        public FilterRegistrationBean<WebFilter> loggingFilter() {
            FilterRegistrationBean<WebFilter> registrationBean
                = new FilterRegistrationBean<>();

            registrationBean.setFilter(new WebFilter());
            registrationBean.addUrlPatterns("/web/*");

            return registrationBean;
        }
    }
}
```

参考

- [How to Define a Spring Boot Filter?](#)