

前面基本上我们已经把Spring MVC的总体执行流程了解了一遍，但还是陷于篇幅以及逻辑臃肿问题，DispatcherServlet 涉及到的很多组件我们并未展开去分析，其中一个比较重要的组件HandlerMapping我们就在该分支深入进去分析一下。

```
protected HandlerExecutionChain getHandler(HttpServletRequest request) throws Exception {
    for (HandlerMapping hm : this.handlerMappings) {
        if (logger.isTraceEnabled()) {
            logger.trace(
                "Testing handler map [" + hm + "] in DispatcherServlet with name '" + getServletName() + "'");
        }
        HandlerExecutionChain handler = hm.getHandler(request);
        if (handler != null) {
            return handler;
        }
    }
    return null;
}
```

前文讲过DispatcherServlet 处理到这里会遍历所有的HandlerMapping类去根据请求尝试获取HandlerExecutionChain对象。我们一直说HandlerExecutionChain对象封装了Handler和对应的拦截器，我们看下它的定义。

```
public class HandlerExecutionChain {

    private static final Log logger = LogFactory.getLog(HandlerExecutionChain.class);

    private final Object handler;

    private HandlerInterceptor[] interceptors;

    private List<HandlerInterceptor> interceptorList;

    private int interceptorIndex = -1;
}
```

额，这又有数组又有List集合的，没看懂，反正这玩意封装了Handler和对应拦截器应该是清楚了。

接下来我们看看这个getHandler方法究竟干了什么，前文我们也提过，在AbstractHandlerMapping类中有它的实现（具体HandlerMapping接口实现类为啥定位AbstractHandlerMapping后面再分析）。

```
@Override
public final HandlerExecutionChain getHandler(HttpServletRequest request) throws Exception {
    Object handler = getHandlerInternal(request);
    if (handler == null) {
        handler = getDefaultHandler();
    }
    if (handler == null) {
        return null;
    }
    // Bean name or resolved handler?
    if (handler instanceof String) {
        String handlerName = (String) handler;
        handler = getApplicationContext().getBean(handlerName);
    }

    HandlerExecutionChain executionChain = getHandlerExecutionChain(handler, request);
    if (CorsUtils.isCorsRequest(request)) {
        CorsConfiguration globalConfig = this.corsConfigSource.getCorsConfiguration(request);
        CorsConfiguration handlerConfig = getCorsConfiguration(handler, request);
        CorsConfiguration config = (globalConfig != null ? globalConfig.combine(handlerConfig) : handlerConfig);
        executionChain = getCorsHandlerExecutionChain(request, executionChain, config);
    }
    return executionChain;
}
```