

How can we access the HttpServletRequest

You can obtain the request by asking the ActionContext or implementing ServletRequestAware. Implementing ServletRequestAware is preferred.

Ask the ActionContext

The request is available on the ActionContext instance, which is made available via ThreadLocal.

```
HttpServletRequest request = ServletActionContext.getRequest();
```

Implement ServletRequestAware

★ Preferred

- Ensure that `ServletConfig` Interceptor is included in the Action's stack.
 - ⓘ *The default stack already includes `ServletConfig`.*
- Edit the Action so that it implements the `ServletRequestAware` interface.
 - The `ServletRequestAware` interface expects a `setServletRequest` method. You may wish to include a companion `getServletRequest` method.
- At runtime, call `getServletRequest` to obtain a reference to the request object.

ⓘ When the `ServletConfig` Interceptor sees that an Action implements `ServletRequestAware`, it passes a reference to the request the Action's `setServletRequest` method.

✓ It is more difficult to test Actions with runtime dependencies on `HttpServletRequest`. Only implement `ServletRequestAware` as a last resort. If the use case cannot be solved by one of the other `ServletConfig` interfaces (`ApplicationAware`, `SessionAware`, `ParameterAware`), consider whether a custom Interceptor could be used instead of Action code. (Review how `ServletConfig` works for examples of what can be done.)

@see [struts-default.xml](#)

@see `org.apache.struts.action2.interceptor.ServletRequestAware`

@see `org.apache.struts.action2.interceptor.ServletConfigInterceptor`