jsp

```
<%@ taglib
uri='/WEB-INF/hello.tld'
prefix = 'myTags'
%>
```
hello

#3

TLD file

MyClass(C)

#4

hello

#5

(SRS)
TagHandlerClass

MyClass
```
;;;;;;;;
;;;;;;;;
;;;;;;;;
;;;;;;;;
;;;;;;;;
```
#6
Execute the code
as per the Life
Cycle actions.

UI components #2
#1
`<myTags:hello>`

`</myTags>`

UI components

JSP Custom Actions

JspTag(I)

extends   extends
"classic tags"   "simple tags"

Tag(I)   SimpleTag(I)

extends   implements

IterationTag(I)   ⇐ TagSupport(C)   SimpleTagSupport(C)
                    implements

extends

BodyTag(I)   ⇐ BodyTagSupport(C)
            implements

Tag(I)

SKIP_BODY : int
EVAL_BODY_INCLUDE : int
SKIP_PAGE : int
EVAL_PAGE : int

```
JSP encounterd
custom tag in jsp
        ⇓
JSP engine identiy
the handler class
        ⇓
Handler class Object is
instantiated
        ⇓
setPageContext()
        ⇓
setParent()
        ⇓
```

EVAL_BODY_INCLUDE
doStartTag()

Tag body will be
included

SKIP_BODY

EVAL_PAGE
doEndTag()
SKIP_PAGE

Rest of jsp to be
executed normally

Remaining jsp page
will be skipped

⊗ release()

IterationTag(I)

IterationTag
EVAL_BODY_AGAIN : int

```
JSP encounterd
custom tag in jsp
        ⇓
JSP engine identiy
the handler class
        ⇓
Handler class Object is
instantiated
        ⇓
setPageContext()
        ⇓
setParent()
        ⇓
```

EVAL_BODY_INCLUDE
doStartTag()

Evaluate Body
count>0

EVAL_BODY_AGAIN

(count == 0)
SKIP_BODY

doAfterBody()

SKIP_BODY

EVAL_PAGE
doEndTag()
SKIP_PAGE

Rest of jsp to be
executed normally

Remaining jsp page
will be skipped

⊗ release()