

Chinese Groovlets

Groovy Java Servlets Groovlets
[GroovyServlet](#)

.groovy

Groovlet
sessionoutputrequest class

```
if (!session) {
    session = request.getSession(true);
}

if (!session.counter) {
    session.counter = 1
}

println ""
<html>
    <head>
        <title>Groovy Servlet</title>
    </head>
    <body>
Hello, ${request.remoteHost}: ${session.counter}! ${new Date()}
    </body>
</html>
""
session.counter = session.counter + 1
```

MarkupBuilder

```
if (!session) {
    session = request.getSession(true)
}

if (!session.counter) {
    session.counter = 1
}

html.html { // html new MarkupBuilder(out)
    head {
        title("Groovy Servlet")
    }
    body {
        p("Hello, ${request.remoteHost}: ${session.counter}! ${new Date()}")
    }
}
session.counter = session.counter + 1
```

Groovlets

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request	ServletRequest	-
response	ServletResponse	-
context	ServletContext	Struts
application	ServletContext	Struts
session	getSession(false)	null! ★ A
params		Map
headers		Map
out	response.getWriter()	★ B
sout	response.getOutputStream()	★ B
html	new MarkupBuilder(out)	★ B

★ A session sessionThe session variable is only set, if there was already a session object. 'if (session == null)'

★ B Groovlet 'out' 'response' They are bound on first access, allowing to e.g. calling methods on the 'response' object before using 'out'.

groovylets

web.xml

```
<servlet>
<servlet-name>Groovy</servlet-name>
<servlet-class>groovy.servlet.GroovyServlet</servlet-class>
</servlet>

<servlet-mapping>
<servlet-name>Groovy</servlet-name>
<url-pattern>*.groovy</url-pattern>
</servlet-mapping>
```

groovy jar WEB-INF/lib groovy.jar antlr.jar asm.jar groovy-all-xyz.jar WEB-INF/lib - antlr asm jar .groovy html groovy servlet .groovy

tomcat tomcat/conf/server.xml

```
<Context path="/groovy" docBase="c:/groovy-servlet"/>
```

<http://localhost:8080/groovy/hello.groovy>