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# Package javax.servlet

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| **Interface Summary** | |
| [***Filter***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Filter.html) | A filter is an object than perform filtering tasks on either the request to a resource (a servlet or static content), or on the response from a resource, or both.  Filters perform filtering in the doFilter method. |
| [***FilterChain***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/FilterChain.html) | A FilterChain is an object provided by the servlet container to the developer giving a view into the invocation chain of a filtered request for a resource. |
| [***FilterConfig***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/FilterConfig.html) | A filter configuration object used by a servlet container used to pass information to a filter during initialization. |
| [***RequestDispatcher***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) | Defines an object that receives requests from the client and sends them to any resource (such as a servlet, HTML file, or JSP file) on the server. |
| [***Servlet***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html) | Defines methods that all servlets must implement. |
| [***ServletConfig***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) | A servlet configuration object used by a servlet container used to pass information to a servlet during initialization. |
| [***ServletContext***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) | Defines a set of methods that a servlet uses to communicate with its servlet container, for example, to get the MIME type of a file, dispatch requests, or write to a log file. |
| [***ServletContextAttributeListener***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContextAttributeListener.html) | Implementations of this interface recieve notifications of changes to the attribute list on the servlet context of a web application. |
| [***ServletContextListener***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContextListener.html) | Implementations of this interface recieve notifications about changes to the servlet context of the web application they are part of. |
| [***ServletRequest***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) | Defines an object to provide client request information to a servlet. |
| [***ServletResponse***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) | Defines an object to assist a servlet in sending a response to the client. |
| [***SingleThreadModel***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/SingleThreadModel.html) | Ensures that servlets handle only one request at a time. |

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| **Class Summary** | |
| [**GenericServlet**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html) | Defines a generic, protocol-independent servlet. |
| [**ServletContextAttributeEvent**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContextAttributeEvent.html) | This is the event class for notifications about changes to the attributes of the servlet context of a web application. |
| [**ServletContextEvent**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContextEvent.html) | This is the event class for notifications about changes to the servlet context of a web application. |
| [**ServletInputStream**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletInputStream.html) | Provides an input stream for reading binary data from a client request, including an efficient readLine method for reading data one line at a time. |
| [**ServletOutputStream**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletOutputStream.html) | Provides an output stream for sending binary data to the client. |
| [**ServletRequestWrapper**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequestWrapper.html) | Provides a convenient implementation of the ServletRequest interface that can be subclassed by developers wishing to adapt the request to a Servlet. |
| [**ServletResponseWrapper**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponseWrapper.html) | Provides a convenient implementation of the ServletResponse interface that can be subclassed by developers wishing to adapt the response from a Servlet. |

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| **Exception Summary** | |
| [**ServletException**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletException.html) | Defines a general exception a servlet can throw when it encounters difficulty. |
| [**UnavailableException**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/UnavailableException.html) | Defines an exception that a servlet or filter throws to indicate that it is permanently or temporarily unavailable. |

## javax.servlet Class GenericServlet

java.lang.Object

|

+--**javax.servlet.GenericServlet**

**Direct Known Subclasses:**

[HttpServlet](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html)

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| void | [**destroy**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#destroy())()            Called by the servlet container to indicate to a servlet that the servlet is being taken out of service. |
| java.lang.String | [**getInitParameter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#getInitParameter(java.lang.String))(java.lang.String name)            Returns a String containing the value of the named initialization parameter, or null if the parameter does not exist. |
| java.util.Enumeration | [**getInitParameterNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#getInitParameterNames())()            Returns the names of the servlet's initialization parameters as an Enumeration of String objects, or an empty Enumeration if the servlet has no initialization parameters. |
| [ServletConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) | [**getServletConfig**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#getServletConfig())()            Returns this servlet's [ServletConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) object. |
| [ServletContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) | [**getServletContext**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#getServletContext())()            Returns a reference to the [ServletContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) in which this servlet is running. |
| java.lang.String | [**getServletInfo**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#getServletInfo())()            Returns information about the servlet, such as author, version, and copyright. |
| java.lang.String | [**getServletName**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#getServletName())()            Returns the name of this servlet instance. |
| void | [**init**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#init())()            A convenience method which can be overridden so that there's no need to call super.init(config). |
| void | [**init**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#init(javax.servlet.ServletConfig))([ServletConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) config)            Called by the servlet container to indicate to a servlet that the servlet is being placed into service. |
| void | [**log**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#log(java.lang.String))(java.lang.String msg)            Writes the specified message to a servlet log file, prepended by the servlet's name. |
| void | [**log**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#log(java.lang.String, java.lang.Throwable))(java.lang.String message, java.lang.Throwable t)            Writes an explanatory message and a stack trace for a given Throwable exception to the servlet log file, prepended by the servlet's name. |
| abstract  void | [**service**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html#service(javax.servlet.ServletRequest, javax.servlet.ServletResponse))([ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) req, [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) res)            Called by the servlet container to allow the servlet to respond to a request. |

## javax.servlet Interface ServletRequest

**All Known Subinterfaces:**

[HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html)

**All Known Implementing Classes:**

[ServletRequestWrapper](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequestWrapper.html)

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| java.lang.Object | [**getAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getAttribute(java.lang.String))(java.lang.String name)            Returns the value of the named attribute as an Object, or null if no attribute of the given name exists. |
| java.util.Enumeration | [**getAttributeNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getAttributeNames())()            Returns an Enumeration containing the names of the attributes available to this request. |
| java.lang.String | [**getCharacterEncoding**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getCharacterEncoding())()            Returns the name of the character encoding used in the body of this request. |
| int | [**getContentLength**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getContentLength())()            Returns the length, in bytes, of the request body and made available by the input stream, or -1 if the length is not known. |
| java.lang.String | [**getContentType**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getContentType())()            Returns the MIME type of the body of the request, or null if the type is not known. |
| [ServletInputStream](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletInputStream.html) | [**getInputStream**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getInputStream())()            Retrieves the body of the request as binary data using a [ServletInputStream](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletInputStream.html). |
| java.util.Locale | [**getLocale**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getLocale())()            Returns the preferred Locale that the client will accept content in, based on the Accept-Language header. |
| java.util.Enumeration | [**getLocales**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getLocales())()            Returns an Enumeration of Locale objects indicating, in decreasing order starting with the preferred locale, the locales that are acceptable to the client based on the Accept-Language header. |
| java.lang.String | [**getParameter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameter(java.lang.String))(java.lang.String name)            Returns the value of a request parameter as a String, or null if the parameter does not exist. |
| java.util.Map | [**getParameterMap**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameterMap())()            Returns a java.util.Map of the parameters of this request. |
| java.util.Enumeration | [**getParameterNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameterNames())()            Returns an Enumeration of String objects containing the names of the parameters contained in this request. |
| java.lang.String[] | [**getParameterValues**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameterValues(java.lang.String))(java.lang.String name)            Returns an array of String objects containing all of the values the given request parameter has, or null if the parameter does not exist. |
| java.lang.String | [**getProtocol**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getProtocol())()            Returns the name and version of the protocol the request uses in the form *protocol/majorVersion.minorVersion*, for example, HTTP/1.1. |
| java.io.BufferedReader | [**getReader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getReader())()            Retrieves the body of the request as character data using a BufferedReader. |
| java.lang.String | [**getRealPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRealPath(java.lang.String))(java.lang.String path)            **Deprecated.** *As of Version 2.1 of the Java Servlet API, use* [*ServletContext.getRealPath(java.lang.String)*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getRealPath(java.lang.String)) *instead.* |
| java.lang.String | [**getRemoteAddr**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRemoteAddr())()            Returns the Internet Protocol (IP) address of the client that sent the request. |
| java.lang.String | [**getRemoteHost**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRemoteHost())()            Returns the fully qualified name of the client that sent the request. |
| [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) | [**getRequestDispatcher**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRequestDispatcher(java.lang.String))(java.lang.String path)            Returns a [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) object that acts as a wrapper for the resource located at the given path. |
| java.lang.String | [**getScheme**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getScheme())()            Returns the name of the scheme used to make this request, for example, http, https, or ftp. |
| java.lang.String | [**getServerName**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getServerName())()            Returns the host name of the server that received the request. |
| int | [**getServerPort**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getServerPort())()            Returns the port number on which this request was received. |
| boolean | [**isSecure**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#isSecure())()            Returns a boolean indicating whether this request was made using a secure channel, such as HTTPS. |
| void | [**removeAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#removeAttribute(java.lang.String))(java.lang.String name)            Removes an attribute from this request. |
| void | [**setAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#setAttribute(java.lang.String, java.lang.Object))(java.lang.String name, java.lang.Object o)            Stores an attribute in this request. |
| void | [**setCharacterEncoding**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#setCharacterEncoding(java.lang.String))(java.lang.String env)            Overrides the name of the character encoding used in the body of this request. |

## javax.servlet Interface Filter

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| void | [**destroy**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Filter.html#destroy())()            Called by the web container to indicate to a filter that it is being taken out of service. |
| void | [**doFilter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Filter.html#doFilter(javax.servlet.ServletRequest, javax.servlet.ServletResponse, javax.servlet.FilterChain))([ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) request, [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) response, [FilterChain](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/FilterChain.html) chain)            The doFilter method of the Filter is called by the container each time a request/response pair is passed through the chain due to a client request for a resource at the end of the chain. |
| void | [**init**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Filter.html#init(javax.servlet.FilterConfig))([FilterConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/FilterConfig.html) filterConfig)            Called by the web container to indicate to a filter that it is being placed into service. |

## javax.servlet Interface RequestDispatcher

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| void | [**forward**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html#forward(javax.servlet.ServletRequest, javax.servlet.ServletResponse))([ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) request, [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) response)            Forwards a request from a servlet to another resource (servlet, JSP file, or HTML file) on the server. |
| void | [**include**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html#include(javax.servlet.ServletRequest, javax.servlet.ServletResponse))([ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) request, [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) response)            Includes the content of a resource (servlet, JSP page, HTML file) in the response. |

## javax.servlet Interface Servlet

**All Known Implementing Classes:**

[GenericServlet](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html)

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| void | [**destroy**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html#destroy())()            Called by the servlet container to indicate to a servlet that the servlet is being taken out of service. |
| [ServletConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) | [**getServletConfig**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html#getServletConfig())()            Returns a [ServletConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) object, which contains initialization and startup parameters for this servlet. |
| java.lang.String | [**getServletInfo**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html#getServletInfo())()            Returns information about the servlet, such as author, version, and copyright. |
| void | [**init**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html#init(javax.servlet.ServletConfig))([ServletConfig](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html) config)            Called by the servlet container to indicate to a servlet that the servlet is being placed into service. |
| void | [**service**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html#service(javax.servlet.ServletRequest, javax.servlet.ServletResponse))([ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) req, [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) res)            Called by the servlet container to allow the servlet to respond to a request. |

## javax.servlet Interface ServletConfig

**All Known Implementing Classes:**

[GenericServlet](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html)

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| java.lang.String | [**getInitParameter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html#getInitParameter(java.lang.String))(java.lang.String name)            Returns a String containing the value of the named initialization parameter, or null if the parameter does not exist. |
| java.util.Enumeration | [**getInitParameterNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html#getInitParameterNames())()            Returns the names of the servlet's initialization parameters as an Enumeration of String objects, or an empty Enumeration if the servlet has no initialization parameters. |
| [ServletContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) | [**getServletContext**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html#getServletContext())()            Returns a reference to the [ServletContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) in which the caller is executing. |
| java.lang.String | [**getServletName**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletConfig.html#getServletName())()            Returns the name of this servlet instance. |

## javax.servlet Interface ServletContext

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| java.lang.Object | [**getAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getAttribute(java.lang.String))(java.lang.String name)            Returns the servlet container attribute with the given name, or null if there is no attribute by that name. |
| java.util.Enumeration | [**getAttributeNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getAttributeNames())()            Returns an Enumeration containing the attribute names available within this servlet context. |
| [ServletContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) | [**getContext**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getContext(java.lang.String))(java.lang.String uripath)            Returns a ServletContext object that corresponds to a specified URL on the server. |
| java.lang.String | [**getInitParameter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getInitParameter(java.lang.String))(java.lang.String name)            Returns a String containing the value of the named context-wide initialization parameter, or null if the parameter does not exist. |
| java.util.Enumeration | [**getInitParameterNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getInitParameterNames())()            Returns the names of the context's initialization parameters as an Enumeration of String objects, or an empty Enumeration if the context has no initialization parameters. |
| int | [**getMajorVersion**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getMajorVersion())()            Returns the major version of the Java Servlet API that this servlet container supports. |
| java.lang.String | [**getMimeType**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getMimeType(java.lang.String))(java.lang.String file)            Returns the MIME type of the specified file, or null if the MIME type is not known. |
| int | [**getMinorVersion**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getMinorVersion())()            Returns the minor version of the Servlet API that this servlet container supports. |
| [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) | [**getNamedDispatcher**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getNamedDispatcher(java.lang.String))(java.lang.String name)            Returns a [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) object that acts as a wrapper for the named servlet. |
| java.lang.String | [**getRealPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getRealPath(java.lang.String))(java.lang.String path)            Returns a String containing the real path for a given virtual path. |
| [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) | [**getRequestDispatcher**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getRequestDispatcher(java.lang.String))(java.lang.String path)            Returns a [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) object that acts as a wrapper for the resource located at the given path. |
| java.net.URL | [**getResource**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getResource(java.lang.String))(java.lang.String path)            Returns a URL to the resource that is mapped to a specified path. |
| java.io.InputStream | [**getResourceAsStream**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getResourceAsStream(java.lang.String))(java.lang.String path)            Returns the resource located at the named path as an InputStream object. |
| java.util.Set | [**getResourcePaths**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getResourcePaths(java.lang.String))(java.lang.String path)            Returns a directory-like listing of all the paths to resources within the web application whose longest sub-path matches the supplied path argument. |
| java.lang.String | [**getServerInfo**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getServerInfo())()            Returns the name and version of the servlet container on which the servlet is running. |
| [Servlet](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/Servlet.html) | [**getServlet**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getServlet(java.lang.String))(java.lang.String name)            **Deprecated.** *As of Java Servlet API 2.1, with no direct replacement.*  *This method was originally defined to retrieve a servlet from a ServletContext. In this version, this method always returns null and remains only to preserve binary compatibility. This method will be permanently removed in a future version of the Java Servlet API.*  *In lieu of this method, servlets can share information using the ServletContext class and can perform shared business logic by invoking methods on common non-servlet classes.* |
| java.lang.String | [**getServletContextName**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getServletContextName())()            Returns the name of this web application correponding to this ServletContext as specified in the deployment descriptor for this web application by the display-name element. |
| java.util.Enumeration | [**getServletNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getServletNames())()            **Deprecated.** *As of Java Servlet API 2.1, with no replacement.*  *This method was originally defined to return an Enumeration of all the servlet names known to this context. In this version, this method always returns an empty Enumeration and remains only to preserve binary compatibility. This method will be permanently removed in a future version of the Java Servlet API.* |
| java.util.Enumeration | [**getServlets**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getServlets())()            **Deprecated.** *As of Java Servlet API 2.0, with no replacement.*  *This method was originally defined to return an Enumeration of all the servlets known to this servlet context. In this version, this method always returns an empty enumeration and remains only to preserve binary compatibility. This method will be permanently removed in a future version of the Java Servlet API.* |
| void | [**log**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#log(java.lang.Exception, java.lang.String))(java.lang.Exception exception, java.lang.String msg)            **Deprecated.** *As of Java Servlet API 2.1, use* [*log(String message, Throwable throwable)*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#log(java.lang.String, java.lang.Throwable)) *instead.*  *This method was originally defined to write an exception's stack trace and an explanatory error message to the servlet log file.* |
| void | [**log**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#log(java.lang.String))(java.lang.String msg)            Writes the specified message to a servlet log file, usually an event log. |
| void | [**log**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#log(java.lang.String, java.lang.Throwable))(java.lang.String message, java.lang.Throwable throwable)            Writes an explanatory message and a stack trace for a given Throwable exception to the servlet log file. |
| void | [**removeAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#removeAttribute(java.lang.String))(java.lang.String name)            Removes the attribute with the given name from the servlet context. |
| void | [**setAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#setAttribute(java.lang.String, java.lang.Object))(java.lang.String name, java.lang.Object object)            Binds an object to a given attribute name in this servlet context. |

## javax.servlet Interface ServletRequest

**All Known Subinterfaces:**

[HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html)

**All Known Implementing Classes:**

[ServletRequestWrapper](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequestWrapper.html)

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| java.lang.Object | [**getAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getAttribute(java.lang.String))(java.lang.String name)            Returns the value of the named attribute as an Object, or null if no attribute of the given name exists. |
| java.util.Enumeration | [**getAttributeNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getAttributeNames())()            Returns an Enumeration containing the names of the attributes available to this request. |
| java.lang.String | [**getCharacterEncoding**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getCharacterEncoding())()            Returns the name of the character encoding used in the body of this request. |
| int | [**getContentLength**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getContentLength())()            Returns the length, in bytes, of the request body and made available by the input stream, or -1 if the length is not known. |
| java.lang.String | [**getContentType**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getContentType())()            Returns the MIME type of the body of the request, or null if the type is not known. |
| [ServletInputStream](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletInputStream.html) | [**getInputStream**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getInputStream())()            Retrieves the body of the request as binary data using a [ServletInputStream](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletInputStream.html). |
| java.util.Locale | [**getLocale**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getLocale())()            Returns the preferred Locale that the client will accept content in, based on the Accept-Language header. |
| java.util.Enumeration | [**getLocales**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getLocales())()            Returns an Enumeration of Locale objects indicating, in decreasing order starting with the preferred locale, the locales that are acceptable to the client based on the Accept-Language header. |
| java.lang.String | [**getParameter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameter(java.lang.String))(java.lang.String name)            Returns the value of a request parameter as a String, or null if the parameter does not exist. |
| java.util.Map | [**getParameterMap**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameterMap())()            Returns a java.util.Map of the parameters of this request. |
| java.util.Enumeration | [**getParameterNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameterNames())()            Returns an Enumeration of String objects containing the names of the parameters contained in this request. |
| java.lang.String[] | [**getParameterValues**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getParameterValues(java.lang.String))(java.lang.String name)            Returns an array of String objects containing all of the values the given request parameter has, or null if the parameter does not exist. |
| java.lang.String | [**getProtocol**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getProtocol())()            Returns the name and version of the protocol the request uses in the form *protocol/majorVersion.minorVersion*, for example, HTTP/1.1. |
| java.io.BufferedReader | [**getReader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getReader())()            Retrieves the body of the request as character data using a BufferedReader. |
| java.lang.String | [**getRealPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRealPath(java.lang.String))(java.lang.String path)            **Deprecated.** *As of Version 2.1 of the Java Servlet API, use* [*ServletContext.getRealPath(java.lang.String)*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html#getRealPath(java.lang.String)) *instead.* |
| java.lang.String | [**getRemoteAddr**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRemoteAddr())()            Returns the Internet Protocol (IP) address of the client that sent the request. |
| java.lang.String | [**getRemoteHost**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRemoteHost())()            Returns the fully qualified name of the client that sent the request. |
| [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) | [**getRequestDispatcher**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getRequestDispatcher(java.lang.String))(java.lang.String path)            Returns a [RequestDispatcher](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/RequestDispatcher.html) object that acts as a wrapper for the resource located at the given path. |
| java.lang.String | [**getScheme**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getScheme())()            Returns the name of the scheme used to make this request, for example, http, https, or ftp. |
| java.lang.String | [**getServerName**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getServerName())()            Returns the host name of the server that received the request. |
| int | [**getServerPort**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#getServerPort())()            Returns the port number on which this request was received. |
| boolean | [**isSecure**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#isSecure())()            Returns a boolean indicating whether this request was made using a secure channel, such as HTTPS. |
| void | [**removeAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#removeAttribute(java.lang.String))(java.lang.String name)            Removes an attribute from this request. |
| void | [**setAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#setAttribute(java.lang.String, java.lang.Object))(java.lang.String name, java.lang.Object o)            Stores an attribute in this request. |
| void | [**setCharacterEncoding**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html#setCharacterEncoding(java.lang.String))(java.lang.String env)            Overrides the name of the character encoding used in the body of this request. |

## javax.servlet Interface ServletResponse

**All Known Subinterfaces:**

[HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html)

**All Known Implementing Classes:**

[ServletResponseWrapper](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponseWrapper.html)

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| void | [**flushBuffer**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#flushBuffer())()            Forces any content in the buffer to be written to the client. |
| int | [**getBufferSize**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#getBufferSize())()            Returns the actual buffer size used for the response. |
| java.lang.String | [**getCharacterEncoding**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#getCharacterEncoding())()            Returns the name of the charset used for the MIME body sent in this response. |
| java.util.Locale | [**getLocale**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#getLocale())()            Returns the locale assigned to the response. |
| [ServletOutputStream](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletOutputStream.html) | [**getOutputStream**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#getOutputStream())()            Returns a [ServletOutputStream](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletOutputStream.html) suitable for writing binary data in the response. |
| java.io.PrintWriter | [**getWriter**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#getWriter())()            Returns a PrintWriter object that can send character text to the client. |
| boolean | [**isCommitted**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#isCommitted())()            Returns a boolean indicating if the response has been committed. |
| void | [**reset**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#reset())()            Clears any data that exists in the buffer as well as the status code and headers. |
| void | [**resetBuffer**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#resetBuffer())()            Clears the content of the underlying buffer in the response without clearing headers or status code. |
| void | [**setBufferSize**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#setBufferSize(int))(int size)            Sets the preferred buffer size for the body of the response. |
| void | [**setContentLength**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#setContentLength(int))(int len)            Sets the length of the content body in the response In HTTP servlets, this method sets the HTTP Content-Length header. |
| void | [**setContentType**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#setContentType(java.lang.String))(java.lang.String type)            Sets the content type of the response being sent to the client. |
| void | [**setLocale**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html#setLocale(java.util.Locale))(java.util.Locale loc)            Sets the locale of the response, setting the headers (including the Content-Type's charset) as appropriate. |

# Package javax.servlet.http

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| **Interface Summary** | |
| [***HttpServletRequest***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) | Extends the [ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) interface to provide request information for HTTP servlets. |
| [***HttpServletResponse***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) | Extends the [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) interface to provide HTTP-specific functionality in sending a response. |
| [***HttpSession***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html) | Provides a way to identify a user across more than one page request or visit to a Web site and to store information about that user. |
| [***HttpSessionActivationListener***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionActivationListener.html) | Objects that are bound to a session may listen to container events notifying them that sessions will be passivated and that session will be activated. |
| [***HttpSessionAttributeListener***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionAttributeListener.html) | This listener interface can be implemented in order to get notifications of changes to the attribute lists of sessions within this web application. |
| [***HttpSessionBindingListener***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionBindingListener.html) | Causes an object to be notified when it is bound to or unbound from a session. |
| [***HttpSessionContext***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionContext.html) | **Deprecated.** *As of Java(tm) Servlet API 2.1 for security reasons, with no replacement.* |
| [***HttpSessionListener***](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionListener.html) | Implementations of this interface may are notified of changes to the list of active sessions in a web application. |

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| **Class Summary** | |
| [**Cookie**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html) | Creates a cookie, a small amount of information sent by a servlet to a Web browser, saved by the browser, and later sent back to the server. |
| [**HttpServlet**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html) | Provides an abstract class to be subclassed to create an HTTP servlet suitable for a Web site. |
| [**HttpServletRequestWrapper**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequestWrapper.html) | Provides a convenient implementation of the HttpServletRequest interface that can be subclassed by developers wishing to adapt the request to a Servlet. |
| [**HttpServletResponseWrapper**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponseWrapper.html) | Provides a convenient implementation of the HttpServletResponse interface that can be subclassed by developers wishing to adapt the response from a Servlet. |
| [**HttpSessionBindingEvent**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionBindingEvent.html) | Events of this type are either sent to an object that implements [HttpSessionBindingListener](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionBindingListener.html) when it is bound or unbound from a session, or to a [HttpSessionAttributeListener](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionAttributeListener.html) that has been configured in the deployment descriptor when any attribute is bound, unbound or replaced in a session. |
| [**HttpSessionEvent**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionEvent.html) | This is the class representing event notifications for changes to sessions within a web application. |
| [**HttpUtils**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpUtils.html) | **Deprecated.** *As of Java(tm) Servlet API 2.3.* |

## javax.servlet.http Class Cookie

java.lang.Object

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+--**javax.servlet.http.Cookie**

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| java.lang.Object | [**clone**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#clone())()            Overrides the standard java.lang.Object.clone method to return a copy of this cookie. |
| java.lang.String | [**getComment**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getComment())()            Returns the comment describing the purpose of this cookie, or null if the cookie has no comment. |
| java.lang.String | [**getDomain**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getDomain())()            Returns the domain name set for this cookie. |
| int | [**getMaxAge**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getMaxAge())()            Returns the maximum age of the cookie, specified in seconds, By default, -1 indicating the cookie will persist until browser shutdown. |
| java.lang.String | [**getName**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getName())()            Returns the name of the cookie. |
| java.lang.String | [**getPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getPath())()            Returns the path on the server to which the browser returns this cookie. |
| boolean | [**getSecure**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getSecure())()            Returns true if the browser is sending cookies only over a secure protocol, or false if the browser can send cookies using any protocol. |
| java.lang.String | [**getValue**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getValue())()            Returns the value of the cookie. |
| int | [**getVersion**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#getVersion())()            Returns the version of the protocol this cookie complies with. |
| void | [**setComment**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setComment(java.lang.String))(java.lang.String purpose)            Specifies a comment that describes a cookie's purpose. |
| void | [**setDomain**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setDomain(java.lang.String))(java.lang.String pattern)            Specifies the domain within which this cookie should be presented. |
| void | [**setMaxAge**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setMaxAge(int))(int expiry)            Sets the maximum age of the cookie in seconds. |
| void | [**setPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setPath(java.lang.String))(java.lang.String uri)            Specifies a path for the cookie to which the client should return the cookie. |
| void | [**setSecure**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setSecure(boolean))(boolean flag)            Indicates to the browser whether the cookie should only be sent using a secure protocol, such as HTTPS or SSL. |
| void | [**setValue**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setValue(java.lang.String))(java.lang.String newValue)            Assigns a new value to a cookie after the cookie is created. |
| void | [**setVersion**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html#setVersion(int))(int v)            Sets the version of the cookie protocol this cookie complies with. |

## javax.servlet.http Class HttpServlet

java.lang.Object

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+--[javax.servlet.GenericServlet](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/GenericServlet.html)

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+--**javax.servlet.http.HttpServlet**

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| protected  void | [**doDelete**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doDelete(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Called by the server (via the service method) to allow a servlet to handle a DELETE request. |
| protected  void | [**doGet**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doGet(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Called by the server (via the service method) to allow a servlet to handle a GET request. |
| protected  void | [**doHead**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doHead(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Receives an HTTP HEAD request from the protected service method and handles the request. |
| protected  void | [**doOptions**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doOptions(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Called by the server (via the service method) to allow a servlet to handle a OPTIONS request. |
| protected  void | [**doPost**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doPost(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Called by the server (via the service method) to allow a servlet to handle a POST request. |
| protected  void | [**doPut**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doPut(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Called by the server (via the service method) to allow a servlet to handle a PUT request. |
| protected  void | [**doTrace**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#doTrace(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Called by the server (via the service method) to allow a servlet to handle a TRACE request. |
| protected  long | [**getLastModified**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#getLastModified(javax.servlet.http.HttpServletRequest))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req)            Returns the time the HttpServletRequest object was last modified, in milliseconds since midnight January 1, 1970 GMT. |
| protected  void | [**service**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#service(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse))([HttpServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html) req, [HttpServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html) resp)            Receives standard HTTP requests from the public service method and dispatches them to the do*XXX* methods defined in this class. |
| void | [**service**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServlet.html#service(javax.servlet.ServletRequest, javax.servlet.ServletResponse))([ServletRequest](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletRequest.html) req, [ServletResponse](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletResponse.html) res)            Dispatches client requests to the protected service method. |

## javax.servlet.http Interface HttpServletRequest

**All Known Implementing Classes:**

[HttpServletRequestWrapper](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequestWrapper.html)

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| java.lang.String | [**getAuthType**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getAuthType())()            Returns the name of the authentication scheme used to protect the servlet. |
| java.lang.String | [**getContextPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getContextPath())()            Returns the portion of the request URI that indicates the context of the request. |
| [Cookie](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html)[] | [**getCookies**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getCookies())()            Returns an array containing all of the Cookie objects the client sent with this request. |
| long | [**getDateHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getDateHeader(java.lang.String))(java.lang.String name)            Returns the value of the specified request header as a long value that represents a Date object. |
| java.lang.String | [**getHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getHeader(java.lang.String))(java.lang.String name)            Returns the value of the specified request header as a String. |
| java.util.Enumeration | [**getHeaderNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getHeaderNames())()            Returns an enumeration of all the header names this request contains. |
| java.util.Enumeration | [**getHeaders**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getHeaders(java.lang.String))(java.lang.String name)            Returns all the values of the specified request header as an Enumeration of String objects. |
| int | [**getIntHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getIntHeader(java.lang.String))(java.lang.String name)            Returns the value of the specified request header as an int. |
| java.lang.String | [**getMethod**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getMethod())()            Returns the name of the HTTP method with which this request was made, for example, GET, POST, or PUT. |
| java.lang.String | [**getPathInfo**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getPathInfo())()            Returns any extra path information associated with the URL the client sent when it made this request. |
| java.lang.String | [**getPathTranslated**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getPathTranslated())()            Returns any extra path information after the servlet name but before the query string, and translates it to a real path. |
| java.lang.String | [**getQueryString**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getQueryString())()            Returns the query string that is contained in the request URL after the path. |
| java.lang.String | [**getRemoteUser**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getRemoteUser())()            Returns the login of the user making this request, if the user has been authenticated, or null if the user has not been authenticated. |
| java.lang.String | [**getRequestedSessionId**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getRequestedSessionId())()            Returns the session ID specified by the client. |
| java.lang.String | [**getRequestURI**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getRequestURI())()            Returns the part of this request's URL from the protocol name up to the query string in the first line of the HTTP request. |
| java.lang.StringBuffer | [**getRequestURL**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getRequestURL())()            Reconstructs the URL the client used to make the request. |
| java.lang.String | [**getServletPath**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getServletPath())()            Returns the part of this request's URL that calls the servlet. |
| [HttpSession](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html) | [**getSession**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getSession())()            Returns the current session associated with this request, or if the request does not have a session, creates one. |
| [HttpSession](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html) | [**getSession**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getSession(boolean))(boolean create)            Returns the current HttpSession associated with this request or, if if there is no current session and create is true, returns a new session. |
| java.security.Principal | [**getUserPrincipal**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#getUserPrincipal())()            Returns a java.security.Principal object containing the name of the current authenticated user. |
| boolean | [**isRequestedSessionIdFromCookie**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#isRequestedSessionIdFromCookie())()            Checks whether the requested session ID came in as a cookie. |
| boolean | [**isRequestedSessionIdFromUrl**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#isRequestedSessionIdFromUrl())()            **Deprecated.** *As of Version 2.1 of the Java Servlet API, use* [*isRequestedSessionIdFromURL()*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#isRequestedSessionIdFromURL()) *instead.* |
| boolean | [**isRequestedSessionIdFromURL**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#isRequestedSessionIdFromURL())()            Checks whether the requested session ID came in as part of the request URL. |
| boolean | [**isRequestedSessionIdValid**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#isRequestedSessionIdValid())()            Checks whether the requested session ID is still valid. |
| boolean | [**isUserInRole**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletRequest.html#isUserInRole(java.lang.String))(java.lang.String role)            Returns a boolean indicating whether the authenticated user is included in the specified logical "role". |

## javax.servlet.http Interface HttpServletResponse

**All Known Implementing Classes:**

[HttpServletResponseWrapper](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponseWrapper.html)

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| void | [**addCookie**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#addCookie(javax.servlet.http.Cookie))([Cookie](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/Cookie.html) cookie)            Adds the specified cookie to the response. |
| void | [**addDateHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#addDateHeader(java.lang.String, long))(java.lang.String name, long date)            Adds a response header with the given name and date-value. |
| void | [**addHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#addHeader(java.lang.String, java.lang.String))(java.lang.String name, java.lang.String value)            Adds a response header with the given name and value. |
| void | [**addIntHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#addIntHeader(java.lang.String, int))(java.lang.String name, int value)            Adds a response header with the given name and integer value. |
| boolean | [**containsHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#containsHeader(java.lang.String))(java.lang.String name)            Returns a boolean indicating whether the named response header has already been set. |
| java.lang.String | [**encodeRedirectUrl**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#encodeRedirectUrl(java.lang.String))(java.lang.String url)            **Deprecated.** *As of version 2.1, use encodeRedirectURL(String url) instead* |
| java.lang.String | [**encodeRedirectURL**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#encodeRedirectURL(java.lang.String))(java.lang.String url)            Encodes the specified URL for use in the sendRedirect method or, if encoding is not needed, returns the URL unchanged. |
| java.lang.String | [**encodeUrl**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#encodeUrl(java.lang.String))(java.lang.String url)            **Deprecated.** *As of version 2.1, use encodeURL(String url) instead* |
| java.lang.String | [**encodeURL**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#encodeURL(java.lang.String))(java.lang.String url)            Encodes the specified URL by including the session ID in it, or, if encoding is not needed, returns the URL unchanged. |
| void | [**sendError**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#sendError(int))(int sc)            Sends an error response to the client using the specified status code and clearing the buffer. |
| void | [**sendError**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#sendError(int, java.lang.String))(int sc, java.lang.String msg)            Sends an error response to the client using the specified status clearing the buffer. |
| void | [**sendRedirect**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#sendRedirect(java.lang.String))(java.lang.String location)            Sends a temporary redirect response to the client using the specified redirect location URL. |
| void | [**setDateHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#setDateHeader(java.lang.String, long))(java.lang.String name, long date)            Sets a response header with the given name and date-value. |
| void | [**setHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#setHeader(java.lang.String, java.lang.String))(java.lang.String name, java.lang.String value)            Sets a response header with the given name and value. |
| void | [**setIntHeader**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#setIntHeader(java.lang.String, int))(java.lang.String name, int value)            Sets a response header with the given name and integer value. |
| void | [**setStatus**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#setStatus(int))(int sc)            Sets the status code for this response. |
| void | [**setStatus**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpServletResponse.html#setStatus(int, java.lang.String))(int sc, java.lang.String sm)            **Deprecated.** *As of version 2.1, due to ambiguous meaning of the message parameter. To set a status code use setStatus(int), to send an error with a description use sendError(int, String). Sets the status code and message for this response.* |

## javax.servlet.http Interface HttpSession

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| java.lang.Object | [**getAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getAttribute(java.lang.String))(java.lang.String name)            Returns the object bound with the specified name in this session, or null if no object is bound under the name. |
| java.util.Enumeration | [**getAttributeNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getAttributeNames())()            Returns an Enumeration of String objects containing the names of all the objects bound to this session. |
| long | [**getCreationTime**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getCreationTime())()            Returns the time when this session was created, measured in milliseconds since midnight January 1, 1970 GMT. |
| java.lang.String | [**getId**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getId())()            Returns a string containing the unique identifier assigned to this session. |
| long | [**getLastAccessedTime**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getLastAccessedTime())()            Returns the last time the client sent a request associated with this session, as the number of milliseconds since midnight January 1, 1970 GMT, and marked by the time the container recieved the request. |
| int | [**getMaxInactiveInterval**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getMaxInactiveInterval())()            Returns the maximum time interval, in seconds, that the servlet container will keep this session open between client accesses. |
| [ServletContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/ServletContext.html) | [**getServletContext**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getServletContext())()            Returns the ServletContext to which this session belongs. |
| [HttpSessionContext](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionContext.html) | [**getSessionContext**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getSessionContext())()            **Deprecated.** *As of Version 2.1, this method is deprecated and has no replacement. It will be removed in a future version of the Java Servlet API.* |
| java.lang.Object | [**getValue**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getValue(java.lang.String))(java.lang.String name)            **Deprecated.** *As of Version 2.2, this method is replaced by* [*getAttribute(java.lang.String)*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getAttribute(java.lang.String))*.* |
| java.lang.String[] | [**getValueNames**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getValueNames())()            **Deprecated.** *As of Version 2.2, this method is replaced by* [*getAttributeNames()*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#getAttributeNames()) |
| void | [**invalidate**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#invalidate())()            Invalidates this session then unbinds any objects bound to it. |
| boolean | [**isNew**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#isNew())()            Returns true if the client does not yet know about the session or if the client chooses not to join the session. |
| void | [**putValue**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#putValue(java.lang.String, java.lang.Object))(java.lang.String name, java.lang.Object value)            **Deprecated.** *As of Version 2.2, this method is replaced by* [*setAttribute(java.lang.String, java.lang.Object)*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#setAttribute(java.lang.String, java.lang.Object)) |
| void | [**removeAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#removeAttribute(java.lang.String))(java.lang.String name)            Removes the object bound with the specified name from this session. |
| void | [**removeValue**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#removeValue(java.lang.String))(java.lang.String name)            **Deprecated.** *As of Version 2.2, this method is replaced by* [*removeAttribute(java.lang.String)*](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#removeAttribute(java.lang.String)) |
| void | [**setAttribute**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#setAttribute(java.lang.String, java.lang.Object))(java.lang.String name, java.lang.Object value)            Binds an object to this session, using the name specified. |
| void | [**setMaxInactiveInterval**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html#setMaxInactiveInterval(int))(int interval)            Specifies the time, in seconds, between client requests before the servlet container will invalidate this session. |

## javax.servlet.http Interface HttpSessionContext

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| java.util.Enumeration | [**getIds**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionContext.html#getIds())()            **Deprecated.** *As of Java Servlet API 2.1 with no replacement. This method must return an empty Enumeration and will be removed in a future version of this API.* |
| [HttpSession](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSession.html) | [**getSession**](mk:@MSITStore:E:\（（教程））\（1_Java%20EE）\API\_Servlet%20API.chm::/jsdk23/javax/servlet/http/HttpSessionContext.html#getSession(java.lang.String))(java.lang.String sessionId)            **Deprecated.** *As of Java Servlet API 2.1 with no replacement. This method must return null and will be removed in a future version of this API.* |