

Narration	Time
.hæM p~ Sg lkÆ'Java Servlets and JSPs'	00.01
:ÐZ ~ } glÆsfzqë~ Sg lk kZ	00.06
* Web server	00.09
* Web container.	00.10
.ÐZ Ì ¨'JSP' gzl'Java Servlet' {Š, ë	00.12
ëVÆ	00.18
12.04 yjgz Ubuntu	00.20
Netbeans IDE 7.3	00.23
gzlJDK 1.7	00.27
• ì g™wE l21.0gifL' dz Firefox	00.29
.• M™wE lgifL' dz Ì ðÃ»l KZ\ M	00.33
' e†f• lz ÐsfzqÃ\ lhÆKÃsg lk kZ	00.37
gzlCore Java Æ™wE lNetbeans IDE	00.41
'HTML'	00.45
., ™±5V, dz~gønÆsg lk ~ Å7xZ	00.47
.B™Ã web server → ë0 → ÐäY6'JSP' gzl'Servlets'	00.52
.ì @àŠžñª ìHGF J kgi--hZ) gfÆInternetŽì xÃª e HGF qZ web server	00.58
.• ëÌ Internet serverÐZ	01.05
.ì @Ml ÚB,ÆJava servletsŽì æt: HGF xgzud dz web container	01.10
.• ëÌ servlet containerÐZ	01.18
.ì êŠ] iYlÄä™¿ª ^ YdGF gZÆKlÃ servlets 0 servlet container	01.22
.• ~ bŠ¾ servlet{Š, qZ• H0[Z	01.28
.• sÃ NetbeansIDE	01.32

., TM A6 '7' Projects S SNIAE 'IDE'	01.35
. ac Project { S , q10t 'MyFirstProject' - äë	01.40
. • MNS S SNIAE 'IDE' V EAk \ M	01.46
. • D servlet { S , q10/AE Project kZ[Z	01.50
., TM A V cs6 'MyFirstProject'	01.55
., TM A6 ServletgZL NY6 New	01.59
.i t z&z New Servletq1	02.03
., TM U 'MyServlet' ~ 'Class Name'	02.05
., TM U 'org.spokentutorial' ~ 'Package Name'	02.09
., TM A6 'Next' Q	02.16
., TM A6 Add information to deployment descriptor (web.xml)	02.18
.i 'org.spokentutorial.MyServlet' 0 'Class Name' • MNS ë	02.23
.i 'MyServlet' Zi „ 6AE 'Class Name' 0 'Servlet Name' • MNS ë	02.30
'MyServlet' ^a i xt „ 6A 'Class Name' 0 'URL Pattern' 0, SZA	02.37
. • M TM sp D 'MyServletPath' D le	02.45
., TM A6 'Finish' Q	02.50
03 ~ ' z&z' Source Editor e Äkg I lf c - D S SÅ IDE n AE 'MyServlet.java'	02.53
.i ëš	
.i lf ~ 'package org.spokentutorial' 0 'MyServlet.java' • U šë	03.01
0i „ b SÅ 'Java class' } u šë servlet ž , TM ^ â	03.09
. g 7 main method q1 servlet žAE kZ ñI	03.14
. • H ¼ ~ } g lAE 'Glassfish server' 0 [Z	03.19
.i lf 3 ~ servlet container 0 servlet	03.24
. • i g TM w E 6g AE zu L Ä Glassfish ë	03.28

.i @MI UB, AeservletsŽi » Glassfish Servlet container	03.32
. • D M: 76 Netbeans IDE	03.39
.i @MWÄ~ 'HttpServlet' 'MyServlet'Ž, ^ â	03.42
. • MNŠ 'HttpServlet methods' ë~ { - AeÄ	03.48
., ^Ä6 'plus sign' SŠNI!nÄÜŠÄk; yl	03.54
. • ÜŠ methods 'getServletInfo' gzl 'doPost' 'doGet'ë	03.59
. • M™ overrideÄ methods ylë	04.09
.i ; gzl q'òt 'processRequest' 6zDž VÉž • MNŠë	04.12
.D, ŠSÄ 'getServletInfo' gzl 'processRequest' ënÄvDW0	04.18
. • a 'doPost' gzl 'doGet' k; žk0} g0zä	04.25
.DB Š 'doPost' ënÄ [L	04.31
.i method «de 'doGet' nÄerequest 'URL' {Š, È	04.35
.D, ^UÄÄ4äg0/Ä; 'doGet' zä	04.41
.âcŠSÄ; 'processRequest' „ - äë	04.45
. • D™S vÄ method call nÄ 'processRequest' method 0zä	04.49
. • D™S vÌ D doPost method ÄkL	04.54
. • D M doGet method 0 [L	04.58
. • DYK k0Ä doGet method Ž • parameters ž VÉž • MNŠë	05.01
.i 'response object' uš gzl i 'request' a	05.07
.i Än 'HttpServletRequest' 'request' žOžšçl t	05.12
.i »n HttpServletResponse' response object gzl	05.18
.D, ^WE /response object nÄ- : 7Ä client Ä 'HTML response' ë	05.22
.ç} 7t~ PrintWriter object .. .nÄkL	05.30
.i ðfÄ^gàz, D ¬ PrintWriter class ž, ^ â	05.35

<pre> lWriter = new PrintWriter(response.getWriter()); doGet(); } } </pre>	05.40
<pre> System.out.println("Enter"); } } </pre>	05.57
<pre> System.out.println("Welcome"); } } </pre>	05.59
<pre> System.out.println("Welcome"); } } </pre>	06.02
<pre> System.out.println("Ctrl S"); } } </pre>	06.09
<pre> System.out.println("Servlet"); } } </pre>	06.14
<pre> System.out.println("My servlet"); } } </pre>	06.17
<pre> System.out.println("Run File"); } } </pre>	06.24
<pre> System.out.println("Set Servlet Execution URL"); } } </pre>	06.27
<pre> System.out.println("OK"); } } </pre>	06.32
<pre> System.out.println("URL"); } } </pre>	06.35
<pre> System.out.println("localhost:8080/MyFirstProject/MyServletPath"); } } </pre>	06.39
<pre> System.out.println("URL: MyServletPath"); } } </pre>	06.47
<pre> System.out.println("welcome"); } } </pre>	06.55
<pre> System.out.println("Netbeans IDE"); } } </pre>	07.00
<pre> System.out.println("html"); } } </pre>	07.03
<pre> System.out.println("h3 tag"); } } </pre>	07.07
<pre> System.out.println("save"); } } </pre>	07.12
<pre> System.out.println("run"); } } </pre>	07.14
<pre> System.out.println("web container"); } } </pre>	07.20
<pre> System.out.println("DY"); } } </pre>	07.23
<pre> System.out.println("eg"); } } </pre>	07.27

. • ÜŠ ~ ó gÃµÃ 'Welcome' e	07.28
. • D 6 IDE' 0 [Z	07.32
. ì 1 servlet q! x» ä è 0 b \$ k Z	07.35
. • M ð m œ l z Ì ð Æ™ W E l servlets è	07.39
. H W E l 4 u n Æ Ì ? Å HTML code ä è	07.45
. ì 'HTML code g 0 Æ 'Java code k 0 } g 0 Ž , ^ â	07.49
. ì Æ t n Æ web applications ~ (6 Ì et è Ñ q	07.54
. ì 7 v m ? ð † = k z l	08.00
. , ^ s p ð 'JSP (Java Server Pages)' Å k \ ð ç f 4 t	08.03
ð B Š w E l » 'jsp' g z l servlets è [Z	08.10
. • D k » Æ ä™ µ Æ ã m 6 ð] - ç Æ™ W E B , q Ì 'JSPs' g z l 'Servlets'	08.13
. ì @™ x » b Š Å view 'JSPs' g z l controller 'Servlets'	08.20
. ì k g 'HTML code g 0 Æ 'Java code 0 'Servlets'	08.25
. ì k g 'Java code' g 0 Æ ' e Æ 'HTML 'JSPs'	08.30
. ð Z ~ , g l k á z ä h : ~ } g Æ y l è	08.35
. • s Å: z Æ Netbeans IDE 0 [Z	08.39
. ð N ^ 'JSP page { Š , q Ì è [Z	08.42
. , ^ Æ V c Š 6 MyFirstProject '	08.47
. N Y 6 New	08.50
. , ^ Æ 6 'JSP' g z l	08.51
. ì t z & 'JSP' 5	08.54
. , ^ U Ì 'welcome' ~ Filename	08.57
. , ^ Æ 6 'Finish' g z l	09.01
. , ^ Æ 6 ' 7 'Projects S Š N !	09.04

. • MINŠ 'Welcome.jsp' ~g®-'Web Page' ë	09.07
., ™spĐ 'Welcome' Ã 'Hello World' Ô~ñi 0 [Z	09.13
.i g0/Æ 'h1' tags Ô 'Welcome' Ûž, ™^ â	09.19
., ™ save bÃ0 [Z	09.23
. • D M: z6 browser	09.25
'welcome.jsp', ™UW^ Æ 0 [Z 'MyFirstProject' ~ url	09.27
. • ÛŠ 'Welcome' iHf^ fWë	09.35
.i QBFA 'jsp' ĐÑÆã m6kZ	09.38
. • D™y0ž Ü [Z	09.42
5äë~sglkZ	09.44
~ } g!Æ web container gzZ web server	09.47
t^- servlet{ Š, qZ	09.49
t^- jsp { Š, qZ	09.52
.i 1™»gikt →Đ" (ĐMä \ MZND	09.55
. B Šzez [0š6,, sfzq	10.01
.i @ž Ü»• z6sglkÁ7t	10.04
. • MINŠÆ™eβyfleĐZ \ bY:Bez ŠhZ	10.08
š• z6sglkÁ7Z	10.13
.i C` \ xgzñfD™WE Z», gIkÁ7Z	10.15
. • i ŠwuÃVBzä™k0± í Ñy MjZ	10.19
. K 6 contact at spoken hyphen tutorial dot org ÔnÆ] âYh×	10.22
.i z »• bã} lUW• z6sglkÁ7Z	10.28
.i { " e×ĐSŠAuioZpò) gfÆKI ðWÆ~eg MÝZ*Æ# ÓCg , t	10.32
. • [0š6 http://spoken-tutorial.org/NMEICT-Intro] âYh× 6uKZ	10.40

<p>Đ S Š Ā ' MNC ' * z Ā , S z c ' q l Library Management System</p> <p>. i Š H - - [a ^ (N • A E x b z 6 "Corporate Social Responsibility"</p>	10.50
<p>. i Ā Ì p Ğ Ā q ñ k ä V r n A e s g I k Ā 7 l k l</p>	11.00
<p>t] 0 v f ©] i Y Ę \ W [l E l s > Y z ~</p>	11.04