

½s₂è³\¥i¼DÄÖ

«ü©w±z\$Æ±æ Internet Explorer !p!ó³B²zæ²®e¥Hxíæw®Öãxí¼®Öã Java æpÄYÄ³¥íμ{;|;n"Dæ\$³\ ¥í²ææè!;|;C

æU!C³\¥i·|"ü"i;u¥¼®Öã;v»P;uæw®Öã;v³\¥i³]©wæ¼vÄT;G

!s"ú©Ö!³ÄÉ®x

!s"ú©Ö!³æð,ð!|S}

°ð!æ

ÿ;Ü

"t!_é°T

!C!L

"ü«OÄ@¼É!s²Ä¶!;

"í¥íæ!¼É!VÄÉ®x I/O

°ð!æ¥¼®Öãæ²®e

±z¥i¥H±N [°ð!æ¥¼®Öãæ²®e]³];" [!b"½cææ°ð!æ] "ÓÓ\$O«ü©w³\¥i;C±z±μμÜ¥i¥H±N³\¥i³];" [Äö³-] ©Í [±Ö°É] "ÓÓ\$O«³\¥i;C!p²G±z!b [°ð!æ¥¼®Öãæ²®e] æ\$æU«ü©w [Äö³-] ©Í [±Ö°É];A"ä¥i¼®Öã³\ ¥iæ\$æU©Ö!³æ²\¥i³æ±N"í¥í,Ó³]©wÉ;C

½D¿i"úæU;Cæ@¶μ [°ð!æ¥¼®Öãæ²®e] æ²³]©w;G

- n;|b"½cææ¥H®e³\æ²\¥i°ð!æ¥¼®Öãæ²®e;A½D«ö [!b"½cææ°ð!æ];C!p¹;A±z¥i¥H±N"Cæ@Ó³\ ¥iæÄ\$O³]©w;" [Äö³-] ©Í [¶]±Ö];C
- nææ¥X² { 'æ¥Ü"Ä!Ü°É©Üμ'¥¼®Öãæ²®e;A½D«ö [Äö³-];C©Ö!³;|b ["ä¥i¼®Öã³\¥i] æ\$æUæ²³\¥i·|³];" [Äö³-];A±zμL²k±N¥ð!óÓ\$Oæ²³\¥i«³]-° [¶]±Ö];C
- nææ¥X² { 'æ¥Ü"Ä!Ü°É±μ"ü¥¼®Öãæ²®e;A½D«ö [¶]±Ö];C©Ö!³;|b ["ä¥i¼®Öã³\¥i] æ\$æUæ²³\¥i·|³];" [¶]±Ö];A±zμL²k±N¥ð!óÓ\$Oæ²³\¥i«³]-° [Äö³-];C

°ð!ææw®Öãæ²®e

±z¥i¥H±N [°ð!ææw®Öãæ²®e]³];" ['æ¥Ü] "ÓÓ\$O«ü©w³\¥i;A³o¼É·|±N ["ä¥iæw®Öã³\¥i]³];" 'æ ¥Ü;C±z¥H«á¥íÓ\$O±N"Cæ@Ó³\¥i«³]-° [Äö³-] ©Í [¶]±Ö];C!p²G±z«ü©w [Äö³-] ©Í [¶]±Ö] ;A"ä¥iæw®Öã³\¥iæ\$æU©Ö!³æ²\¥i³æ·|í¥í,Ó³]©wÉ;C

½D¿i"úæU;Cæ@¶μ [°ð!ææw®Öãæ²®e] æ²³]©w;G

- Yn!b Java æpÄYÄ³¥íμ{;|;¥iÄ~Äð°ð!æ"ä©Ön"Dæ²³\¥iæ\$«æ¥X² { ±μ"üæ² 'æ¥Ü;A½D«ö ['æ¥Ü];C!p²G±z²! [°ð!ææw®Öãæ²®e] ¿i³¼Ü ['æ¥Ü];A"ä¥iæw®Öã³\¥iæ\$æUæ²³\¥i³æ±N³];" ['æ¥Ü] ;A!ý±z¥i¥H±N"Cæ@Ó³\¥iæÄ\$O«³]-° [Äö³-] ©Í [¶]±Ö];C
- nææ¥X² { 'æ¥Ü«K!Ü°É©Üμ'°ð!ææw®Öãæ²®e;A½D«ö [Äö³-];C©Ö!³;|b ["ä¥iæw®Öã³\¥i] æ\$æUæ²³\¥i³æ·|³];" [Äö³-];A±zμL²k±N¥ð!óÓ\$Oæ²³\¥i«³]-° ['æ¥Ü] ©Í [¶]±Ö];C
- n;Ü°É±μ"ü"Ä°ð!ææw®Öãæ²®e!Öæ£,g¹ 'æ¥Ü;A½D«ö [¶]±Ö];C©Ö!³;|b"ä¥iæw®Öã³\¥iæ\$æUæ²³\¥i³æ·|³];" [¶]±Ö];A±zμL²k±N¥ð!óÓ\$Oæ²³\¥i«³];" ['æ¥Ü] ©Í [Äö³-];C

¥iÃö³¬ı, Üæè¶ô!P®ÉÀx!s±z¶i!æªª¥ô!óÄÛó;C

½Ð«ðæ@æU“Ó«³]©Ò!³æº Java ³\¥i;C½Ð¿i“úæU!C¥ðæ@¶µ;A±µµÚ«ö [«³];C

- Àx!sæº\¥i ¥i«³]i“³]«áæwæ³/4æºæwÀx!s³\¥i;CæWæ@!_Àx!s³]©wÈæ§«á¶i;ææºÅÛ§ó;A³£±Nº|¥ç;C
- °æ|wæþ©Ê ¥i«³]i“;uºæ|wæþ©Ê;v³\¥i (“î³]i;h;AæpÄÝÀ³¥íµ{;i;¥H;wæþ¼Ø|i;°ð|æ);C³º¼Ë·|±N [°ð|ææw®Öãæº®e] æ§æUæº©Ò!³³\¥i«³]¬° [‘£¥Û];A±N [“ä¥!¥¼®Öã³\¥i] «³]¬° [Ãö³¬];C
- ææ|wæþ©Ê ¥i«³]i“;uææ|wæþ©Ê;v³\¥i (æpÄÝÀ³¥íµ{;i;¥i©ó“F½æº;A; bºUæ§¬° [¼Ë; sæÅ¶i] »P [“î¥íæ¼¼Ë;VÀÉ®x] “âºØ³\¥i¬ù§ðæU°ð|æ);C³º¼Ë·|±N [°ð|ææw®Öãæº®e] æ§æUæº©Ò!³³\¥i (æ£ ¥]¬A;u¼Ë; sæÅ¶i;væHæí;u“î¥íæ¼¼Ë;VÀÉ®x |O;v) «³]¬° [‘£¥Û];A±N “ä¥!¥¼®Öã³\¥i«³]¬° [Ãö³¬];C
- §C|wæþ©Ê ¥i«³]i“;u§C|wæþ©Ê;v³\¥i (“î³]æÖ;AæH©Ò!³³\¥i°ð|æ applet);C³º¼Ë·|±N [°ð|ææw®Ö-ãæº®e] æ§æUæº©Ò!³³\¥i«³]¬° [¶]±Ø];A±N “ä¥!¥¼®Öã³\¥i«³]¬° [Ãö³¬];C

ÀÈµø³\¶i¼ÐÀÒ

³o¨Ç→O¶Ñºð,ð²p²zû«ü©w²º Java ³\¶i;C

YnÁý Java ²pÄÝÀ³¶íµ{;¶i¶H°ð;æ;A¶;¶]³\»Ýn;¶¨ú±z¹q, f²ºÀÉ®×¶H¶í¨ä¶L²º,ê·½;C³o¨Ç°Ê§@³f»Ý-
n¨S©w²º³\¶i;A¶H«K°ð;æ;C±z²ººð,ð²p²zû¶]³\¶w, g«ü©w²¹³¨¶í;óºØ³\¶i;A¶]¶i¶H«ü©w·¶i³¹½Ð¨D³\
¶i@É;A→O§_n´f;ð±z;C§_«h;A¶u;³;¶b Java ²pÄÝÀ³¶íµ{;¶i;½Ð¨D²º³\¶i;h©ó¶i;ü°Ê²¹³\²º³\¶i@É;A¶~·|´f
¿ð±z;C

¶U;C;C¶X¶TºØ³\¶i²Ö;G

¶¼@Öã²º®e²º¶w¶]±Ö³\¶i ±Á»P¶¼@Öã²º¶U, ü²º®e²º³\¶i (²pÄÝÀ³¶íµ{;¶i±N;¶b¨F½c¶²ºð;æ);C

¶w@Öã²º®e²º¶w¶]±Ö³\¶i ¶f»Ýn¨¶í¶¶;P·N²º³\¶i;C

¶w@Öã²º®e²º¶wÄö³→³\¶i »Ýn¨¶í¶¶;P·N©Í§¹¶p©Úµ´²º³\¶i;C

±z¶i¶H;¶b³o¨Ç³\¶i¼ÐÀÝ¶W«ö¨â¶U¨ÓÀÈµø¨S©w²º³\¶i¶H¶í«ü©w²º³]©wÊ;C

¶i¹³o¨Ç¶¶°;X«ü©w¶U;C³\¶i;G

¶í¶áºÝÀx;¶sÁé

!Üq

°ð;æ

ÀÉ®× I/O

!h´CÁé

ºð,ð I/O

!C;L

²º®e

¶íÀ³

µn¿ý

!w¶p©Ê

¨t¶í,ê°T

°ð;æºü

¨¶í¶¶;¶¼É;¶VÀÉ®× I/O

¨¶í¶¶;¶¶±;¶s¨ú

¥i±±“îÀÉ® x²ºÅ²“ú;B¼gπj¥HπîSR°£ÀÉ® x²º³\¥i;C

¥i±±“ĩ°đ!æ°đ,ôš@·~©ĩ°đ,ô-ÚÃđ°Êš@-àxO²²³\¥i;C

¥i±±“î«Ø¥ß¤í³B²z°ö|æºü©í°ö|æºü,s²Õ~à¤Oªº³\¥i;C

¥i±±“îjs“ú©î³B²z³/4ãÅé“t²îæº@e~àæOºº³\¥ijC

¥i±±“î°ð!æ”ã¥!µ{!i~àπO²⁰³\¥i;C

Reflection API

¥i±±“ŋ|C|LAPI |s“ú^{ae3}\¥i;C

¶i±±“ĩ“ú±ομνζγ!s“ú~ὰαO^{αααα}¶i;C

¥i±±“î JDK !w¥p©ÊÃp\$O java.lang.security a@s“ú@a³\¥i;C

€Í"Ó!s"ú€i³z¹L ClientStore Æp\$O"Ó"İ!€\$€!€áºYÀx!sÁé!s"ú±±"îªª³\€i;C

¥i±±“ĩ“ĩ¥í AWT ¬Y“Ç¼W±j¥\`à`àαO^{αθ³}\¥i;C

¥i±±“î“t²î,ê°T|s“ú²²³\¥i;C

13\¥i±±"1i, Ümøµ;ººÄã¥Ü-àæO;A¥H°ö;æÀÉ®×§@·~;C"Ò;p;AY²pÄYÀ³¥µ{!;»Ýn¶}
±ÒÀÉ®×;A«h"ä¥ý¥²¶·Äã¥Ü¥X¼D·Çºº [¶]±ÒÀÉ®×]
1i, Üæè¶ô;AµM«áÁý"i¥îi;í"úÀÉ®×;C;p!¹æ@"Ó;A²pÄYÀ³¥µ{!; 'NµL²k!Û;æ°ö;æÀÉ®×§@·~;C!¹§@·~æè;
j!j!³"i¥îi²ºº½±µ°Ñ»P;A;Óæ£-O¥Ñµ{!;½X²½±µ;s"úÀÉ®×;A-G, ù-°;w¥p;C!¹³\¥i²ºº¼h-Ä-°æµ¥;C

¥i±±“î“î¥!;h'CAé¼W±j¥~à²²³\¥i;C

|¹³\¥í~`à°ë½T±±`î|ó°Ø²⁰³\¥í§î!;¥í¥H`í¥í¹³\²⁰@Öã²⁰@e;C

!^3\¥i¥i±±^î@Öã²ºµ{!;½X«Ø¥ß³}xj¥i¹F 1 MB ²º¼È!s²Á¶;A¥H¥í^ÓÀx|sÁ{®É²º,ê°T;CJava
²pÄÝÄ³¥íµ{!;²£³Q²¹³\Ä²¼g^î¥í²µwºD²W²º^ä¥LÄÉ®x;A®Ö-
ã²º²pÄÝÄ³¥íµ{!;±N¥u¥i!s^ú^ä!Ú²v²º¼È!s²Á¶;C!¹³\¥i²º¼h^Á^°²²µ¥;C

¥i±±“ŕŕ,Üæèŕô§e²{ŕs“ú~àæO²²³\¥i;C

¥iÁy!³"i¥í@l©Ò±±"î³\¥iÁv²Õºº Java ¢pÄÝÁ³¥íμ{!;A!b!s"úπ@©w,ê·½
(!p"t²î;BμwºĐ;Bºò,ò;B¥»ºÝ¹q,£μ¥μ¥) ®É;A'£"Ñ«OÁ@§@¥íººÀò¹Ò;C

