



## Charset

# Charset (String canonicalName, String[] aliases)

boolean isSupported (String charsetName) Charset forName (String charsetName) SortedMap availableCharsets ()

boolean isRegistered()

boolean equals (Object ob)

int hashCode() String toString()

boolean canEncode() Set aliases () Other Public Me

CharBuffer decode (ByteBuffer bb) int compareTo(Object ob) boolean contains (Charsetcs)

String displayName (Locale locale) ByteBuffer encode (CharBuffer cb) String displayName ()

ByteBuffer encode (String str)

String name ()

CharsetDecoder newDecoder() CharsetEncoder newEncoder()

CoderResult

CoderResult unmappableForLength (int length) CoderResult malformedForLength (int length)

boolean isMalformed () boolean isError ()

boolean is Unmappable () boolean is Underflow () boolean isOverflow ()

int length ()

String toString()

void throwException() &

CoderResult UNDERFLOW, OVERFLOW



# CharsetDecoder (Charset cs, float averageCharsPerByte, float maxCharsPerByte)

boolean isCharsetDetected() boolean isAutoDetecting()

float averageCharsPerByte()

CharBuffer decode (ByteBuffer in) 🕴 Charset charset()

CoderResult decode (ByteBuffer in, CharBuffer out, boolean endOfInput)

CoderResult flush (CharBuffer out) Charset detectedCharset()

CodingErrorAction malformedInputAction() float maxCharsPerByte()

CharsetDecoder onMalformedInput (CodingErrorAction newAction)

CharsetDecoder onUnmappableCharacter(CodingErrorActionnewAction)

CharsetDecoder replaceWith (String newReplacement)

String replacement ()

CharsetDecoder reset ()

CodingErrorAction unmappableCharacterAction()

CoderResult decodeLoop (ByteBuffer in, CharBuffer out)

CoderResult implFlush (CharBuffer out)

void implOnMalformedInput(CodingErrorAction newAction)

void implOnUnmappableCharacter(CodingErrorActionnewAction)

void impIReplaceWith(String newReplacement) void impIReset()

# CharsetEncoder (Charset cs, float averageBytesPerChar, float maxBytesPerChar, byte[] replacement) # CharsetEncoder (Charset cs, float averageBytesPerChar, float maxBytesPerChar)

float averageBytesPerChar() boolean canEncode (char c)

boolean isLegalReplacement(byte[] repl)

boolean canEncode (CharSequencecs)

ByteBuffer encode (CharBuffer in) \$\ \partial \text{CoderResult encode (CharBuffer in, ByteBuffer out, boolean endOfInput)} CoderResult flush (ByteBuffer out) Charset charset()

CodingErrorAction malformedInputAction() float maxBytesPerChar()

CharsetEncoder onUnmappableCharacter(CodingErrorActionnewAction) CharsetEncoder onMalformedInput(CodingErrorAction newAction)

CharsetEncoder replaceWith (byte]] newReplacement) byte[] replacement()

CodingErrorAction unmappableCharacterAction()

CharsetEncoder reset()

CoderResult encodeLoop(CharBuffer in, ByteBuffer out)

void implOnMalformedInput(CodingErrorActionnewAction) CoderResult implFlush (ByteBufferout)

void implOnUnmappableCharacter(CodingErrorAction newAction) void implReplaceWith (byte[] newReplacement) void implReset ()

cs java.nio.charset.spi. CharsetProvider # CharsetProvider ()

Charset charsetForName (String charsetName) Iterator charsets ()

CodingErrorAction String toString()

REPLACE, CodingErrorAction IGNORE,

REPORT