java.nio.charset.*

CharsetProvider
java.nio.charset.spi.

\# **CharsetProvider** ()

Charset charsetForName (String charsetName)
Iterator charsets ()

CodingErrorAction

String toString ()

CodingErrorAction IGNORE,
REPLACE,
REPORT

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java.lang. **Comparable**

Charset

\# **Charset** (String canonicalName, String[] aliases)

Static Methods
SortedMap **availableCharsets** ()
Charset **forName** (String charsetName)
boolean **isSupported** (String charsetName)
Accessors
boolean isRegistered ()
Object
boolean equals (Object ob)
int hashCode ()
String toString ()
Other Public Methods
Set aliases ()
boolean canEncode ()
int compareTo (Object ob)
boolean contains (Charset cs)
CharBuffer decode (ByteBuffer bb)
String displayName ()
String displayName (Locale locale)
ByteBuffer encode (CharBuffer cb)
ByteBuffer encode (String str)
String name ()
CharsetDecoder newDecoder ()
CharsetEncoder newEncoder ()

CharsetDecoder

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

Accessors
boolean isAutoDetecting ()
boolean isCharsetDetected ()
Other Public Methods
float averageCharsPerByte ()
Charset charset ()
CharBuffer decode (ByteBuffer in) ↳
CoderResult decode (ByteBuffer in, CharBuffer out, boolean endOfInput)
Charset detectedCharset ()
CoderResult flush (CharBuffer out)
CodingErrorAction malformedInputAction ()
float maxCharsPerByte ()
CharsetDecoder onMalformedInput(CodingErrorActionnewAction)
CharsetDecoder onUnmappableCharacter(CodingErrorActionnewAction)
CharsetDecoder replaceWith (String newReplacement)
String replacement ()
CharsetDecoder reset ()
CodingErrorAction unmappableCharacterAction()
Other Protected Methods
\# CoderResult decodeLoop(ByteBuffer in, CharBuffer out)
\# CoderResult implFlush (CharBuffer out)
\# void implOnMalformedInput(CodingErrorActionnewAction)
\# void implOnUnmappableCharacter(CodingErrorActionnewAction)
\# void implReplaceWith (String newReplacement)
\# void implReset ()

CharsetEncoder

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

Accessors
boolean isLegalReplacement(byte[] repl)
Other Public Methods
float averageBytesPerChar ()
boolean canEncode (char c)
boolean canEncode (CharSequence cs)
Charset charset ()
ByteBuffer encode (CharBuffer in) ↳
CoderResult encode (CharBuffer in, ByteBuffer out, boolean endOfInput)
CoderResult flush (ByteBuffer out)
CodingErrorAction malformedInputAction ()
float maxBytesPerChar ()
CharsetEncoder onMalformedInput(CodingErrorActionnewAction)
CharsetEncoder onUnmappableCharacter(CodingErrorActionnewAction)
CharsetEncoder replaceWith (byte[] newReplacement)
byte[] replacement ()
CharsetEncoder reset ()
CodingErrorAction unmappableCharacterAction()
Other Protected Methods
\# CoderResult encodeLoop(CharBuffer in, ByteBuffer out)
\# CoderResult implFlush (ByteBuffer out)
\# void implOnMalformedInput(CodingErrorActionnewAction)
\# void implOnUnmappableCharacter(CodingErrorActionnewAction)
\# void implReplaceWith (byte[] newReplacement)
\# void implReset ()

CoderResult

Static Methods
CoderResult **malformedForLength** (int length)
CoderResult **unmappableForLength** (int length)
Accessors
boolean isError ()
boolean isMalformed ()
boolean isOverflow ()
boolean isUnderflow ()
boolean isUnmappable ()
Object
String toString ()
Other Public Methods
int length ()
void throwException () ↳

CoderResult UNDERFLOW, OVERFLOW