▣ java.text.*
Format

Methods declared in supertypes are hidden in subtypes

▣ MessageFormat

MessageFormat (String pattern)
MessageFormat (String pattern, Locale locale)

Static Methods
- String **format** (String pattern, Object[] arguments)

Accessors
- Format[] get / setFormats ()
- Format[] get / setFormatsByArgumentIndex ()
- Locale get / setLocale ()
- void setFormat (int formatElementIndex, Format newFormat)
- void setFormatByArgumentIndex (int argumentIndex, Format newFormat)

Object
- boolean equals (Object obj)
- int hashCode ()

Other Public Methods
- void applyPattern (String pattern)
- StringBuffer format (Object[] arguments, StringBuffer result, FieldPosition pos)
- Object[] parse (String source) ↯
- Object[] parse (String source, ParsePosition pos)
- String toPattern ()

class **Field**

▣ *DateFormat*

DateFormat ()

Static Methods
- Locale[] **getAvailableLocales** ()
- DateFormat **getDateInstance** ()
- DateFormat **getDateInstance** (int style)
- DateFormat **getDateInstance** (int style, Locale aLocale)
- DateFormat **getDateTimeInstance** ()
- DateFormat **getDateTimeInstance** (int dateStyle, int timeStyle)
- DateFormat **getDateTimeInstance** (int dateStyle, int timeStyle, Locale aLocale)
- DateFormat **getInstance** ()
- DateFormat **getTimeInstance** ()
- DateFormat **getTimeInstance** (int style)
- DateFormat **getTimeInstance** (int style, Locale aLocale)

Accessors
- Calendar get / setCalendar ()
- NumberFormat get / setNumberFormat ()
- TimeZone get / setTimeZone ()
- boolean is / setLenient ()

Object
- boolean equals (Object obj)
- int hashCode ()

Other Public Methods
- String format (Date date)
- StringBuffer format (Date date, StringBuffer toAppendTo, FieldPosition fieldPosition)
- Date parse (String source) ↯
- Date parse (String source, ParsePosition pos)

int ERA_FIELD, YEAR_FIELD, MONTH_FIELD, DATE_FIELD, HOUR_OF_DAY1_FIELD, HOUR_OF_DAY0_FIELD, MINUTE_FIELD, SECOND_FIELD, MILLISECOND_FIELD, DAY_OF_WEEK_FIELD, DAY_OF_YEAR_FIELD, DAY_OF_WEEK_IN_MONTH_FIELD, WEEK_OF_YEAR_FIELD, WEEK_OF_MONTH_FIELD, AM_PM_FIELD, HOUR1_FIELD, HOUR0_FIELD, TIMEZONE_FIELD, FULL, LONG, MEDIUM, SHORT, DEFAULT

class **Field**

▣ *NumberFormat*

Static Methods
- Locale[] **getAvailableLocales** ()
- NumberFormat **getCurrencyInstance** ()
- NumberFormat **getCurrencyInstance** (Locale inLocale)
- NumberFormat **getInstance** ()
- NumberFormat **getInstance** (Locale inLocale)
- NumberFormat **getIntegerInstance** ()
- NumberFormat **getIntegerInstance** (Locale inLocale)
- NumberFormat **getNumberInstance** ()
- NumberFormat **getNumberInstance** (Locale inLocale)
- NumberFormat **getPercentInstance** ()
- NumberFormat **getPercentInstance** (Locale inLocale)

Accessors
- Currency get / setCurrency ()
- int get / setMaximumFractionDigits ()
- int get / setMaximumIntegerDigits ()
- int get / setMinimumFractionDigits ()
- int get / setMinimumIntegerDigits ()
- boolean is / setGroupingUsed ()
- boolean is / setParseIntegerOnly ()

Object
- boolean equals (Object obj)
- int hashCode ()

Other Public Methods
- String format (double number)
- String format (long number)
- StringBuffer format (double number, StringBuffer toAppendTo, FieldPosition pos)
- StringBuffer format (long number, StringBuffer toAppendTo, FieldPosition pos)
- Number parse (String source) ↯
- Number parse (String source, ParsePosition parsePosition)

int INTEGER_FIELD, FRACTION_FIELD

class **Field**

▣ *Serializable*
▣ *Cloneable*

▣ *Format*

Object
- Object clone ()

Other Public Methods
- String format (Object obj)
- StringBuffer format (Object obj, StringBuffer toAppendTo, FieldPosition pos)
- AttributedCharacterIterator formatToCharacterIterator (Object obj)
- Object parseObject (String source) ↯
- Object parseObject (String source, ParsePosition pos)

class **Field**

ParsePosition

ParsePosition (int index)

Accessors
- int get / setErrorIndex ()
- int get / setIndex ()

Object
- boolean equals (Object obj)
- int hashCode ()
- String toString ()

FieldPosition

FieldPosition (int field)
FieldPosition (Format.Field attribute)
FieldPosition (Format.Field attribute, int fieldID)

Accessors
- int get / setBeginIndex ()
- int get / setEndIndex ()
- int getField ()
- Format.Field getFieldAttribute ()

Object
- boolean equals (Object obj)
- int hashCode ()
- String toString ()

SimpleDateFormat

SimpleDateFormat ()
SimpleDateFormat (String pattern)
SimpleDateFormat (String pattern, Locale locale)
SimpleDateFormat (String pattern, DateFormatSymbols formatSymbols)

Accessors
- Date get / set2DigitYearStart ()
- DateFormatSymbols get / setDateFormatSymbols ()

Other Public Methods
- void applyLocalizedPattern (String pattern)
- void applyPattern (String pattern)
- String toLocalizedPattern ()
- String toPattern ()

DateFormatSymbols

DateFormatSymbols ()
DateFormatSymbols (Locale locale)

Accessors
- String[] get / setAmPmStrings ()
- String[] get / setEras ()
- String get / setLocalPatternChars ()
- String[] get / setMonths ()
- String[] get / setShortMonths ()
- String[] get / setShortWeekdays ()
- String[] get / setWeekdays ()
- String[][] get / setZoneStrings ()

Object
- Object clone ()
- boolean equals (Object obj)
- int hashCode ()

Cloneable

Serializable

DecimalFormat

DecimalFormat ()
DecimalFormat (String pattern)
DecimalFormat (String pattern, DecimalFormatSymbols symbols)

Accessors
- DecimalFormatSymbols get / setDecimalFormatSymbols ()
- int get / setGroupingSize ()
- int get / setMultiplier ()
- String get / setNegativePrefix ()
- String get / setNegativeSuffix ()
- String get / setPositivePrefix ()
- String get / setPositiveSuffix ()
- boolean is / setDecimalSeparatorAlwaysShown ()

Other Public Methods
- void applyLocalizedPattern (String pattern)
- void applyPattern (String pattern)
- String toLocalizedPattern ()
- String toPattern ()

DecimalFormatSymbols

DecimalFormatSymbols ()
DecimalFormatSymbols (Locale locale)

Accessors
- Currency get / setCurrency ()
- String get / setCurrencySymbol ()
- char get / setDecimalSeparator ()
- char get / setDigit ()
- char get / setGroupingSeparator ()
- String get / setInfinity ()
- String get / setInternationalCurrencySymbol ()
- char get / setMinusSign ()
- char get / setMonetaryDecimalSeparator ()
- String get / setNaN ()
- char get / setPatternSeparator ()
- char get / setPerMill ()
- char get / setPercent ()
- char get / setZeroDigit ()

Object
- Object clone ()
- boolean equals (Object obj)
- int hashCode ()

ChoiceFormat

ChoiceFormat (String newPattern)
ChoiceFormat (double[] limits, String[] formats)

Static Methods
- double **nextDouble** (double d)
- double **nextDouble** (double d, boolean positive)
- double **previousDouble** (double d)

Accessors
- Object[] getFormats ()
- double[] getLimits ()
- void setChoices (double[] limits, String formats[])

Other Public Methods
- void applyPattern (String newPattern)
- String toPattern ()