

Localization, Date/Time,
Number format

java.util.Locale

Locale(String lang) -> Locale

Locale(String lang, String country) -> Locale

Locale(String lang, String country, String var) -> Locale

static getAvailableLocales() -> Locale[]

getCountry() -> String

static getDefault() -> Locale

Locale aLocale = new Locale.Builder().setLanguage("fr").setRegion("CA").build();

aLocale = new Locale("fr", "CA")

Locale aLocale = Locale.forLanguageTag("en-US");

cLocale = Locale.JAPAN;

java.text.Format

```
format(Object obj) -> String  
format(Object obj, StringBuffer sb1, FieldPosition pos) -> StringBuffer  
parseObject(String so) -> Object
```

<<extends>>

java.text.DateFormat

```
static getAvailableLocals() -> Locale[]  
getCalender() -> Calender
```

```
static getDateInstance() Default formatting style for default locale -> DateFormat  
static getDateInstance(int style) -> DateFormat  
static getDateInstance(int style, Locale loc) -> DateFormat
```

```
static getDateTimeInstance() -> DateFormat  
static getDateTimeInstance(int datestyle, int timestyle) -> DateFormat  
static getDateTimeInstance(int datestyle, int timestyle, Locale loc) -> DateFormat
```

```
static getInstance() Gets a date/time formatter SHORT -> DateFormat  
getNumberFormat() -> NumberFormat
```

```
static getTimeInstance() -> DateFormat  
static getTimeInstance(int style) -> DateFormat  
static getTimeInstance(int style, Locale loc) -> DateFormat  
getTimeZone() -> TimeZone
```

```
parse(String str) -> Date  
setCalender(Calender cal)  
setNumberFormat(NumberFormat nf)  
setTimeZone(TimeZone zo)
```

Example:

```
DateFormat df = DateFormat.getDateInstance(DateFormat.LONG, Locale.FRANCE);
```

<<extends>>

java.text.SimpleDateFormat

```
SimpleDateFormat()  
SimpleDateFormat(String p)  
SimpleDateFormat(String p, DateFormatSymbols f)  
SimpleDateFormat(String p, Locale loc)
```

Example:

```
DateFormat df = new SimpleDateFormat("yyyy-M-dd");  
Df = format(new Date());
```

java.text.Format

```
format(Object obj) -> String  
format(Object obj, StringBuffer sb1, FieldPosition pos) -> StringBuffer  
parseObject(String so) -> Object
```

<<extends>>

java.text.NumberFormat

```
static getAvailableLocals() -> Locale[]  
getCurrency() -> Currency
```

```
static getCurrencyInstance() Default for default locale -> NumberFormat  
static getCurrencyInstance(Locale loc) -> NumberFormat
```

```
static getInstance() Gets a general-purpose number format for def. loc. -> NumberFormat  
static getInstance(Locale loc) -> NumberFormat
```

```
static getNumberInstance() -> NumberFormat  
static getNumberInstance(Locale loc) -> NumberFormat
```

```
static getPercentInstance() -> NumberFormat  
static getPercentInstance(Locale loc) -> NumberFormat
```

```
parse(String str) -> Date  
setCurrency(Currency c)
```

Example:
NumberFormat nf = NumberFormat.getInstance();

<<extends>>

java.text.DecimalFormat

```
DecimalFormat()  
DecimalFormat(String p)  
DecimalFormat(String p, DecimalFormatSymbols f)
```