日期格式、组件提取等.

${#dates.format(date)}

${#dates.arrayFormat(datesArray)}

${#dates.listFormat(datesList)}

${#dates.setFormat(datesSet)}

${#dates.format(date, 'dd/MMM/yyyy HH:mm')}

${#dates.arrayFormat(datesArray, 'dd/MMM/yyyy HH:mm')}

${#dates.listFormat(datesList, 'dd/MMM/yyyy HH:mm')}

${#dates.setFormat(datesSet, 'dd/MMM/yyyy HH:mm')}

${#dates.day(date)}

${#dates.month(date)}

${#dates.monthName(date)}

${#dates.monthNameShort(date)}

${#dates.year(date)}

${#dates.dayOfWeek(date)}

${#dates.dayOfWeekName(date)}

${#dates.dayOfWeekNameShort(date)}

${#dates.hour(date)}

${#dates.minute(date)}

${#dates.second(date)}

${#dates.millisecond(date)}

${#dates.create(year,month,day)}

${#dates.create(year,month,day,hour,minute)}

${#dates.create(year,month,day,hour,minute,second)}

${#dates.create(year,month,day,hour,minute,second,millisecond)}

${#dates.createNow()}

${#dates.createToday()}

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日历

${#calendars.format(cal)}

${#calendars.arrayFormat(calArray)}

${#calendars.listFormat(calList)}

${#calendars.setFormat(calSet)}

${#calendars.format(cal, 'dd/MMM/yyyy HH:mm')}

${#calendars.arrayFormat(calArray, 'dd/MMM/yyyy HH:mm')}

${#calendars.listFormat(calList, 'dd/MMM/yyyy HH:mm')}

${#calendars.setFormat(calSet, 'dd/MMM/yyyy HH:mm')}

${#calendars.day(date)}

${#calendars.month(date)}

${#calendars.monthName(date)}

${#calendars.monthNameShort(date)}

${#calendars.year(date)}

${#calendars.dayOfWeek(date)}

${#calendars.dayOfWeekName(date)}

${#calendars.dayOfWeekNameShort(date)}

${#calendars.hour(date)}

${#calendars.minute(date)}

${#calendars.second(date)}

${#calendars.millisecond(date)}

${#calendars.create(year,month,day)}

${#calendars.create(year,month,day,hour,minute)}

${#calendars.create(year,month,day,hour,minute,second)}

${#calendars.create(year,month,day,hour,minute,second,millisecond)}

${#calendars.createNow()}

${#calendars.createToday()}

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格式化数字对象

${#numbers.formatInteger(num,3)}

${#numbers.arrayFormatInteger(numArray,3)}

${#numbers.listFormatInteger(numList,3)}

${#numbers.setFormatInteger(numSet,3)}

${#numbers.formatInteger(num,3,'POINT')}

${#numbers.arrayFormatInteger(numArray,3,'POINT')}

${#numbers.listFormatInteger(numList,3,'POINT')}

${#numbers.setFormatInteger(numSet,3,'POINT')}

${#numbers.formatDecimal(num,3,2)}

${#numbers.arrayFormatDecimal(numArray,3,2)}

${#numbers.listFormatDecimal(numList,3,2)}

${#numbers.setFormatDecimal(numSet,3,2)}

${#numbers.formatDecimal(num,3,2,'COMMA')}

${#numbers.arrayFormatDecimal(numArray,3,2,'COMMA')}

${#numbers.listFormatDecimal(numList,3,2,'COMMA')}

${#numbers.setFormatDecimal(numSet,3,2,'COMMA')}

${#numbers.formatDecimal(num,3,'POINT',2,'COMMA')}

${#numbers.arrayFormatDecimal(numArray,3,'POINT',2,'COMMA')}

${#numbers.listFormatDecimal(numList,3,'POINT',2,'COMMA')}

${#numbers.setFormatDecimal(numSet,3,'POINT',2,'COMMA')}

${#numbers.sequence(from,to)}

${#numbers.sequence(from,to,step)}

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字符串处理

${#strings.isEmpty(name)}

${#strings.arrayIsEmpty(nameArr)}

${#strings.listIsEmpty(nameList)}

${#strings.setIsEmpty(nameSet)}

${#strings.defaultString(text,default)}

${#strings.arrayDefaultString(textArr,default)}

${#strings.listDefaultString(textList,default)}

${#strings.setDefaultString(textSet,default)}

${#strings.contains(name,'ez')}

${#strings.containsIgnoreCase(name,'ez')}

${#strings.startsWith(name,'Don')}

${#strings.endsWith(name,endingFragment)}

${#strings.indexOf(name,frag)}

${#strings.substring(name,3,5)}

${#strings.substringAfter(name,prefix)}

${#strings.substringBefore(name,suffix)}

${#strings.replace(name,'las','ler')}

${#strings.prepend(str,prefix)}

${#strings.append(str,suffix)}

${#strings.toUpperCase(name)}

${#strings.toLowerCase(name)}

${#strings.arrayJoin(namesArray,',')}

${#strings.listJoin(namesList,',')}

${#strings.setJoin(namesSet,',')}

${#strings.arraySplit(namesStr,',')}

${#strings.listSplit(namesStr,',')}

${#strings.setSplit(namesStr,',')}

${#strings.trim(str)}

${#strings.length(str)}

${#strings.abbreviate(str,10)}

${#strings.capitalize(str)}

${#strings.unCapitalize(str)}

${#strings.capitalizeWords(str)}

${#strings.capitalizeWords(str,delimiters)}

${#strings.escapeXml(str)}

${#strings.escapeJava(str)}

${#strings.escapeJavaScript(str)}

${#strings.unescapeJava(str)}

${#strings.unescapeJavaScript(str)}

${#strings.equals(str)}

${#strings.equalsIgnoreCase(str)}

${#strings.concat(str)}

${#strings.concatReplaceNulls(str)}

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对象处理

${#objects.nullSafe(obj,default)}

${#objects.arrayNullSafe(objArray,default)}

${#objects.listNullSafe(objList,default)}

${#objects.setNullSafe(objSet,default)}

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布尔值相关

${#bools.isTrue(obj)}

${#bools.arrayIsTrue(objArray)}

${#bools.listIsTrue(objList)}

${#bools.setIsTrue(objSet)}

${#bools.isFalse(cond)}

${#bools.arrayIsFalse(condArray)}

${#bools.listIsFalse(condList)}

${#bools.setIsFalse(condSet)}

${#bools.arrayAnd(condArray)}

${#bools.listAnd(condList)}

${#bools.setAnd(condSet)}

${#bools.arrayOr(condArray)}

${#bools.listOr(condList)}

${#bools.setOr(condSet)}

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数组相关

${#arrays.toArray(object)}

${#arrays.toStringArray(object)}

${#arrays.toIntegerArray(object)}

${#arrays.toLongArray(object)}

${#arrays.toDoubleArray(object)}

${#arrays.toFloatArray(object)}

${#arrays.toBooleanArray(object)}

${#arrays.length(array)}

${#arrays.isEmpty(array)}

${#arrays.contains(array, element)}

${#arrays.containsAll(array, elements)}

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list集合相关

${#lists.toList(object)}

${#lists.size(list)}

${#lists.isEmpty(list)}

${#lists.contains(list, element)}

${#lists.containsAll(list, elements)}

${#lists.sort(list)}

${#lists.sort(list, comparator)}

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set集合相关

${#sets.toSet(object)}

${#sets.size(set)}

${#sets.isEmpty(set)}

${#sets.contains(set, element)}

${#sets.containsAll(set, elements)}

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map集合相关

${#maps.size(map)}

${#maps.isEmpty(map)}

${#maps.containsKey(map, key)}

${#maps.containsAllKeys(map, keys)}

${#maps.containsValue(map, value)}

${#maps.containsAllValues(map, value)}

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聚集，聚合

${#aggregates.sum(array)}

${#aggregates.sum(collection)}

${#aggregates.avg(array)}

${#aggregates.avg(collection)}

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获取外部信息内部变量

${#messages.msg('msgKey')}

${#messages.msg('msgKey', param1)}

${#messages.msg('msgKey', param1, param2)}

${#messages.msg('msgKey', param1, param2, param3)}

${#messages.msgWithParams('msgKey', new Object[] {param1, param2, param3, param4})}

${#messages.arrayMsg(messageKeyArray)}

${#messages.listMsg(messageKeyList)}

${#messages.setMsg(messageKeySet)}

${#messages.msgOrNull('msgKey')}

${#messages.msgOrNull('msgKey', param1)}

${#messages.msgOrNull('msgKey', param1, param2)}

${#messages.msgOrNull('msgKey', param1, param2, param3)}

${#messages.msgOrNullWithParams('msgKey', new Object[] {param1, param2, param3, param4})}

${#messages.arrayMsgOrNull(messageKeyArray)}

${#messages.listMsgOrNull(messageKeyList)}

${#messages.setMsgOrNull(messageKeySet)}

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处理可能重复的id属性

${#ids.seq('someId')}

${#ids.next('someId')}

${#ids.prev('someId')}