

All Types[Object](#)[String](#)[Integer](#)[Boolean](#)[Real](#)[Collection](#)[List](#)[Set](#)[oaw::Type](#)[oaw::Feature](#)[oaw::Property](#)[oaw::Operation](#)[oaw::StaticProperty](#)[Void](#)[xpanse2::Definition](#)[xpanse2::Iterator](#)

Object

Properties

oaw::Type	metaType
	returns this object's meta type.

Operations

Boolean	> (Object)
Boolean	< (Object)
Boolean	<= (Object)
Boolean	>= (Object)
Boolean	!= (Object)
String	toString()
	returns the String representation of this object. (Calling Java's toString() method)
Integer	compareTo(Object)
	Compares this object with the specified object for order. Returns a negative integer, zero, or a positive integer as this object is less than, equal to, or greater than the specified object.
Boolean	==(Object)

Object

Properties

oaw:: Type	<code>metaType</code>
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	returns this object's meta type.
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Operations

Boolean	<code>>(Object)</code>
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Boolean	<code><(Object)</code>
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Boolean	<code><=(Object)</code>
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Boolean	<code>>=(Object)</code>
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Boolean	<code>!=(Object)</code>
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String	<code>toString()</code>
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	returns the String representation of this object. (Calling Java's toString() method)
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Integer	<code>compareTo(Object)</code>
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	Compares this object with the specified object for order. Returns a negative integer, zero, or a positive integer as this object is less than, equal to, or greater than the specified object.
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Boolean	<code>==(Object)</code>
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oaw::Type extends Object

Properties

Set	allFeatures
Set	allProperties
String	documentation
Set	allStaticProperties
Set	superTypes
String	name
Set	allOperations

Operations

oaw::Property	getProperty(String)
oaw::StaticProperty	getStaticProperty(String)
Object	isAssignableFrom()
oaw::Operation	getOperation(String,List)
Object	newInstance()
oaw::Feature	getFeature(String,List)
Boolean	isInstance(Object)

Boolean extends [Object](#)

Operations

Boolean	!()
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String extends [Object](#)

Properties

Integer	length
	the length of this string

Operations

String	replaceAll(String, String)
	Replaces each substring of this string that matches the given regular expression with the given replacement.
String	toUpperCase()
	Converts all of the characters in this String to upper case using the rules of the default locale (from Java)
List	toCharList()
	splits this String into a List[String] containing Strings of length 1
List	split(String)
	Splits this string around matches of the given regular expression (from Java 1.4)
String	toFirstLower()
	Converts the first character in this String to lower case using the rules of the default locale (from Java)
String	+(Object)
	concatenates two strings
String	toLowerCase()
	Converts all of the characters in this String to lower case using the rules of the default locale (from Java)
Boolean	startsWith(String)
	Tests if this string starts with the specified prefix.
String	replaceFirst(String, String)
	Replaces the first substring of this string that matches the given regular expression with the given replacement.

String	toFirstUpper()
	Converts the first character in this String to upper case using the rules of the default locale (from Java)

Integer extends Real

Operations	
Boolean	> (Object)
Integer	* (Integer)
Boolean	>= (Object)
List	upTo (Integer , Integer)
	returns a List of Integers starting with the value of the target expression, up to the value of the first parameter, incremented by the second parameter. e.g. '1.upTo(10, 2)' evaluates to {1,3,5,7,9}
Integer	+ (Integer)
Boolean	< (Object)
Boolean	<= (Object)
Boolean	!= (Object)
List	upTo (Integer)
	returns a List of Integers starting with the value of the target expression, up to the value of the specified Integer, incremented by one. e.g. '1.upTo(5)' evaluates to {1,2,3,4,5}
Integer	- (Integer)
Boolean	== (Object)
Integer	- ()
Integer	/ (Integer)

Set extends Collection

Collection extends [Object](#)

Properties

Integer	size
	returns the size of this Collection

Operations

Set	union(Collection)
	returns a new Set, containing all elements from this and the specified Collection
Collection	remove(Object)
	removes the specified element from this Collection if contained (modifies it!). returns this Collection.
Set	without(Collection)
	returns a new Set, containing all elements from this Collection without the elements from specified Collection
String	toString(String)
	concatenates each contained element (using toString()), separated by the specified String.
Set	intersect(Collection)
	returns a new Set, containing only the elements contained in this and the specified Collection
Collection	add(Object)
	adds an element to the Collection (modifies it!). returns this Collection.
List	toList()
	converts this collection to List
Set	toSet()
	converts this collection to Set

List extends [Collection](#)

Operations

oaw:: Type	<code>get (Integer)</code>
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oaw::Property extends [oaw::Feature](#)

Operations

Object	<code>get (Object)</code>
Void	<code>set (Object , Object)</code>

oaw::Feature extends [Object](#)

Properties

oaw:: Type	owner
String	documentation
oaw:: Type	returnType
String	name

Void extends [Object](#)

Void is used as an undefined type. It's only instance is the null reference.

oaw::StaticProperty extends [oaw::Feature](#)

Operations

Object	<code>get()</code>
	returns the static value

oaw::Operation extends [oaw::Feature](#)

Operations

List	<code>getParameterTypes ()</code>
Object	<code>evaluate (Object, List)</code>

Real extends Object

Operations

Boolean	$>(\text{Object})$
Real	$+(\text{Real})$
Boolean	$\geq(\text{Object})$
Boolean	$\neq(\text{Object})$
Real	$\ast(\text{Real})$
Boolean	$\text{==}(\text{Object})$
Real	$-()$
Real	$-(\text{Real})$
Boolean	$<(\text{Object})$
Boolean	$\leq(\text{Object})$
Real	$/(\text{Real})$

xpanse2::Definition extends Object

Properties

String	targetType
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List	paramNames
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String	name
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List	paramTypes
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Operations

Void	proceed()
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String	toString()
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Void	proceed(Object , List)
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xpand2::Iterator extends [Object](#)

Properties

Integer	counter0
Boolean	lastIteration
Integer	counter1
Boolean	firstIteration
Integer	elements