

# ClasslibJava6

## Complete new api in java6

### java.util

Class	Method	Status	Comments
Deque	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4121">https://issues.apache.org/jira/browse/HARMONY-4121</a>
ArrayDeque	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4146">https://issues.apache.org/jira/browse/HARMONY-4146</a>
LinkedList	11 new methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4152">https://issues.apache.org/jira/browse/HARMONY-4152</a>
NavigableMap	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4122">https://issues.apache.org/jira/browse/HARMONY-4122</a>
NavigableSet	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4122">https://issues.apache.org/jira/browse/HARMONY-4122</a>
TreeMap	18 new methods	Inplan	by Jimmy
TreeSet	11 new methods	Inplan	by Jimmy
Arrays	9 new "binarySearch" methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4123">https://issues.apache.org/jira/browse/HARMONY-4123</a>
Arrays	10 new "copyOf" methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4123">https://issues.apache.org/jira/browse/HARMONY-4123</a>
Arrays	10 new "copyOfRange" methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4123">https://issues.apache.org/jira/browse/HARMONY-4123</a>
Collections	newSetFromMap	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4198">https://issues.apache.org/jira/browse/HARMONY-4198</a>
Collections	asLifoQueue	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4198">https://issues.apache.org/jira/browse/HARMONY-4198</a>
AbstractMap\$SimpleImmutableEntry	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4125">https://issues.apache.org/jira/browse/HARMONY-4125</a>
AbstractMap\$SimpleEntry	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4125">https://issues.apache.org/jira/browse/HARMONY-4125</a>
PriorityQueue	3 methods refactoring	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4203">https://issues.apache.org/jira/browse/HARMONY-4203</a>
Scanner	reset	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4127">https://issues.apache.org/jira/browse/HARMONY-4127</a>
Calendar	new fields/methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4200">https://issues.apache.org/jira/browse/HARMONY-4200</a>
Locale	new fields	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4202">https://issues.apache.org/jira/browse/HARMONY-4202</a>
ResourceBundle\$Control	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4209">https://issues.apache.org/jira/browse/HARMONY-4209</a>
ResourceBundle	new methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4209">https://issues.apache.org/jira/browse/HARMONY-4209</a>
ListResourceBundle	new methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4245">https://issues.apache.org/jira/browse/HARMONY-4245</a>
PropertyResourceBundle	new methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4424">https://issues.apache.org/jira/browse/HARMONY-4424</a>
Properties	3 new methods	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4204">https://issues.apache.org/jira/browse/HARMONY-4204</a>
ServiceConfigurationError	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4154">https://issues.apache.org/jira/browse/HARMONY-4154</a>
all the classes in java.util.spi	*	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4128">https://issues.apache.org/jira/browse/HARMONY-4128</a>
ServiceLoader	*	In Progress (NathanBeyer)	<a href="http://java.sun.com/javase/6/docs/api/java/util/ServiceLoader.html">http://java.sun.com/javase/6/docs/api/java/util/ServiceLoader.html</a>

### IO

Class	Method	Status	Comments
java.io.Console			
java.io.IOException		Done	
java.io.IOException	constructor java.io.IOException(java.lang.String, java.lang.Throwable)	Done	
	constructor java.io.IOException(java.lang.Throwable)	Done	
java.io.PipedInputStream	constructor java.io.PipedInputStream(int)	Done	
	constructor java.io.PipedInputStream(java.io.PipedOutputStream, int)	Done	
java.io.PipedReader	constructor java.io.PipedReader(int)		
	constructor java.io.PipedReader(java.io.PipedWriter, int)		
java.io.File	java.io.File.canExecute()		
	java.io.File.getFreeSpace()		
	java.io.File.getTotalSpace()		
	java.io.File.getUsableSpace()		
	java.io.File.setExecutable(boolean)		
	java.io.File.setExecutable(boolean, boolean)		
	java.io.File.setReadable(boolean)		
	java.io.File.setReadable(boolean, boolean)		
	java.io.File.setWritable(boolean)		

	java.io.File.setWritable(boolean, boolean)		
	java.io.File.toURL() deprecated in jdk6		
java.io.ObjectStreamClass	java.io.ObjectStreamClass.lookupAny(java.lang.Class<?>)	Done	
java.io.PrintStream	java.io.PrintStream.clearError()	Done	
java.io.PrintWriter	java.io.PrintWriter.clearError()	Done	

## java.lang

Class	Method/Field	Status	Comments
Double/Float	MIN_NORMAL, MAX_NORMAL...	Inplan	
Math /StrictMath	copySign(double, double) / copySign(float, float)	Inplan	
Math /StrictMath	getExponent(double) / getExponent(float)	Inplan	
Math /StrictMath	nextAfter(double, float) / nextAfter(double, double)	Inplan	
Math /StrictMath	nextUp(double) / nextUp(float)	Inplan	
Math /StrictMath	scalb(double, int) / scalb(float, int)	Inplan	
String	two constructors	Inplan	
String	isEmpty()	Inplan	
String	getBytes(Charset)	Inplan	
Enum	finalize()	Inplan	

## java.net

Class	Method/Field	Status	Comments
java.net.CookieManager	Added Class	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4102">https://issues.apache.org/jira/browse/HARMONY-4102</a>
java.net.CookiePolicy	Added Interface	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4098">https://issues.apache.org/jira/browse/HARMONY-4098</a>
java.net.CookieStore	Added Interface	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4099">https://issues.apache.org/jira/browse/HARMONY-4099</a>
java.net.CookieStoreImpl	Added Implementation	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4101">https://issues.apache.org/jira/browse/HARMONY-4101</a>
java.net.HttpCookie	Added Class	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4097">https://issues.apache.org/jira/browse/HARMONY-4097</a>
java.net.IDN	Added Class	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4088">https://issues.apache.org/jira/browse/HARMONY-4088</a>
java.net.InterfaceAddress	Added Class	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4153">https://issues.apache.org/jira/browse/HARMONY-4153</a> <a href="https://issues.apache.org/jira/browse/HARMONY-4180">https://issues.apache.org/jira/browse/HARMONY-4180</a>
java.net.Proxy	toString()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4140">https://issues.apache.org/jira/browse/HARMONY-4140</a>
java.net.NetworkInterface	getInterfaceAddresses()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	getSubInterfaces()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	getParent()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	isUp()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	isLoopback()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	isPointToPoint()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	supportsMulticast()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	getHardwareAddress()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	getMTU()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>
java.net.NetworkInterface	isVirtual()	Done	<a href="https://issues.apache.org/jira/browse/HARMONY-4156">https://issues.apache.org/jira/browse/HARMONY-4156</a>