

Table 1

AapacheCommonsLang						
Version	Breakdown by Package	Breakdown by Class	Line Coverage	Mutation		
V 3.6			95	86		
	org.apache.commons.lang3		98	89		
		Name	Line Coverage	Mutation		
		AnnotationUtils.java	85%	86%		
		ArchUtils.java	90%	90%		
		ArrayUtils.java	99%	87%		
		BitField.java	100%	97%		
		BooleanUtils.java	100%	100%		
		CharEncoding.java	100%	100%		
		CharRange.java	100%	92%		
		CharSequenceUtils.java	95%	85%		
		CharSet.java	100%	95%		
		CharSetUtils.java	100%	100%		
		CharUtils.java	100%	99%		
		ClassPathUtils.java	100%	100%		
		ClassUtils.java	96%	94%		
		Conversion.java	93%	83%		
		EnumUtils.java	100%	98%		
		JavaVersion.java	90%	73%		
		LocaleUtils.java	100%	100%		
		NotImplementedException.java	100%	100%		
		ObjectUtils.java	96%	96%		
		RandomStringUtils.java	100%	95%		
		RandomUtils.java	100%	87%		
		Range.java	99%	90%		
		SerializationUtils.java	93%	95%		
		StringEscapeUtils.java	100%	100%		
		StringUtils.java	100%	92%		
		SystemUtils.java	98%	96%		
		ThreadUtils.java	100%	89%		
		Validate.java	96%	86%		
	org.apache.commons.lang3.arch		100	100		
		Name	Line Coverage	Mutation		
		Processor.java	100%	100%		
	org.apache.commons.lang3.builder		90	83		
		Name	Line Coverage	Mutation		
		CompareToBuilder.java	91%	88%		
		Diff.java	100%	100%		
		DiffBuilder.java	100%	81%		
		DiffResult.java	100%	100%		
		EqualsBuilder.java	93%	88%		
		HashCodeBuilder.java	97%	96%		
		IDKey.java	82%	57%		
		MultilineRecursiveToStringStyle.java	79%	79%		
		RecursiveToStringStyle.java	100%	100%		
		ReflectionDiffBuilder.java	91%	82%		
		ReflectionToStringBuilder.java	94%	84%		
		StandardToStringStyle.java	37%	3%		
		ToStringBuilder.java	100%	100%		
		ToStringStyle.java	88%	76%		
	org.apache.commons.lang3.concurrent		98	94		
		Name	Line Coverage	Mutation		
		AbstractCircuitBreaker.java	100%	100%		
		AtomicInitializer.java	88%	67%		
		AtomicSafeInitializer.java	100%	75%		

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		BackgroundInitializer.java	100%	95%		
		BasicThreadFactory.java	100%	100%		
		CallableBackgroundInitializer.java	100%	100%		
		ConcurrentUtils.java	96%	100%		
		ConstantInitializer.java	100%	90%		
		EventCountCircuitBreaker.java	100%	88%		
		LazyInitializer.java	100%	33%		
		Memoizer.java	88%	89%		
		MultiBackgroundInitializer.java	100%	100%		
		ThresholdCircuitBreaker.java	100%	90%		
		TimedSemaphore.java	100%	98%		
	org.apache.commons.lang3.event		94	96		
		Name	Line Coverage	Mutation		
		EventListenerSupport.java	98%	93%		
		EventUtils.java	86%	100%		
	org.apache.commons.lang3.exception		96	80		
		Name	Line Coverage	Mutation		
		ContextedException.java	100%	90%		
		ContextedRuntimeException.java	100%	90%		
		DefaultExceptionContext.java	100%	80%		
		ExceptionUtils.java	93%	78%		
	org.apache.commons.lang3.math		98	85		
		Name	Line Coverage	Mutation		
		Fraction.java	98%	85%		
		IEEE754rUtils.java	100%	96%		
		NumberUtils.java	98%	84%		
	org.apache.commons.lang3.mutable		100	100		
		Name	Line Coverage	Mutation		
		MutableBoolean.java	100%	100%		
		MutableByte.java	100%	100%		
		MutableDouble.java	100%	100%		
		MutableFloat.java	100%	100%		
		MutableInt.java	100%	100%		
		MutableLong.java	100%	97%		
		MutableObject.java	100%	100%		
		MutableShort.java	100%	100%		
	org.apache.commons.lang3.reflect		82	73		
		Name	Line Coverage	Mutation		
		ConstructorUtils.java	93%	96%		
		FieldUtils.java	99%	85%		
		InheritanceUtils.java	100%	92%		
		MemberUtils.java	93%	80%		
		MethodUtils.java	93%	83%		
		TypeLiteral.java	75%	44%		
		TypeUtils.java	69%	64%		
	org.apache.commons.lang3.text		96	80		
		Name	Line Coverage	Mutation		
		CompositeFormat.java	100%	100%		
		ExtendedMessageFormat.java	87%	70%		
		FormattableUtils.java	82%	82%		
		StrBuilder.java	98%	75%		
		StrLookup.java	95%	100%		
		StrMatcher.java	98%	96%		
		StrSubstitutor.java	97%	86%		
		StrTokenizer.java	92%	95%		
		WordUtils.java	100%	92%		

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	org.apache.commons.lang3.text.translat		97	86		
		Name	Line Coverage	Mutation		
		AggregateTranslator.java	100%	100%		
		CharSequenceTranslator.java	94%	85%		
		CodePointTranslator.java	100%	100%		
		EntityArrays.java	100%	15%		
		JavaUnicodeEscaper.java	63%	20%		
		LookupTranslator.java	100%	83%		
		NumericEntityEscaper.java	100%	100%		
		NumericEntityUnescaper.java	100%	96%		
		OctalUnescaper.java	100%	94%		
		UnicodeEscaper.java	88%	91%		
		UnicodeUnescaper.java	100%	86%		
		UnicodeUnpairedSurrogateRemover.java	100%	100%		
	org.apache.commons.lang3.time		96	87		
		Name	Line Coverage	Mutation		
		DateFormatUtils.java	98%	94%		
		DateUtils.java	97%	94%		
		DurationFormatUtils.java	95%	89%		
		FastDateFormat.java	94%	90%		
		FastDateParser.java	99%	92%		
		FastDatePrinter.java	95%	77%		
		FormatCache.java	92%	77%		
		StopWatch.java	99%	88%		
	org.apache.commons.lang3.tuple		99	89		
		Name	Line Coverage	Mutation		
		ImmutablePair.java	90%	100%		
		ImmutableTriple.java	100%	100%		
		MutablePair.java	100%	80%		
		MutableTriple.java	100%	100%		
		Pair.java	100%	100%		
		Triple.java	100%	72%		