## **CreditAnalytics Package Scheme Guide**

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Functional	<b>Functional Sub-group</b>	Class
Group	/ Package / Module	
org.drip.analytics	core	• Serializer
	curve	• CreditCurve
ana dain analytica		<ul> <li>DiscountCurve</li> </ul>
org.drip.analytics		• FXBasis
		• FXCurve
		<ul> <li>ActActDCParams</li> </ul>
		<ul> <li>DateAdjustParams</li> </ul>
		<ul> <li>DayCount</li> </ul>
		<ul> <li>FixedHoliday</li> </ul>
org.drip.analytics	daycount	<ul> <li>FloatingHoliday</li> </ul>
		<ul> <li>Holiday</li> </ul>
		<ul> <li>LocHolidays</li> </ul>
		• StaticHoliday
		<ul> <li>WeekendHoliday</li> </ul>
org.drip.analytics	holset	• LocHolidays
	period	CouponPeriod
org.drip.analytics		<ul> <li>Period</li> </ul>
org.urip.anarytics		<ul> <li>ProductCouponPeriodCurveMeasures</li> </ul>
		<ul> <li>ProductLossPeriodCurveMeasures</li> </ul>
	output	BasketOutput
org.drip.calc		<ul> <li>BondOutput</li> </ul>
		<ul> <li>ComponentOutput</li> </ul>
org.drip.chart	surface	BuildSurface
		• Contour3D
		<ul> <li>ContourPlots</li> </ul>
		GeneratedDelaunaySurface

		Histogram
		MultiColorScatter
		• Scatter4D
	calibration	Bootstrapable
		ComponentCalibrator
1.		ComponentCalibratorBracketing
org.drip.curve		• \ComponentCalibratorNR
		CreditCurveScenarioGenerator
		IRCurveScenarioGenerator
org.drip.feed	historical	LoadCreditFeeds
org.drip.feed	reference	LoadBondFeed
org.drip.param	config	XMLConfigReader
		BasketMarketParamRef
		BasketMarketParams
		ComponentMarketParamRef
org.drip.param	market	ComponentMarketParams
		CreditCurveScenarioContainer
		IRCurveScenarioContainer
		MarketParamsContainer
org.drip.param	pricer	PricerParams
	product	BondCFTerminationEvent
		<ul> <li>BondCouponParams</li> </ul>
		BondCurrencyParams
		BondFixedPeriodGenerationParams
org.drip.param		BondFloaterParams
		BondIdentifierParams
		BondIRValuationParams
		BondNotionalParams
		BondPeriodGenerationParams

		BondTSYParams
		CurrencyPair
		EmbeddedOptionSchedule
		FactorSchedule
		<ul> <li>ProdCRValParams</li> </ul>
		• TsyBmkSet
	1	CashSettleParams
ora drin noram		<ul> <li>QuotingParams</li> </ul>
org.drip.param	valuation	• ValuationParams
		• WorkoutInfo
ara drin praduat	aamman	• Component
org.drip.product	common	CalibratableComponent
		BondBuilder
org.drip.product	creator	BondProductBuilder
		BondRefDataBuilder
		BasketDefaultSwap
	credit	BasketProduct
org.drip.product		• Bond
		CreditComponent
		• CreditDefautSwap
org drip product	fx	FXForward
org.drip.product		• FXSpot
	quote	ComponentQuote
org.drip.product		• LiveCurve
		• Quote
	rates	• Cash
org.drip.product		EDFuture
		<ul> <li>InterestRateSwap</li> </ul>
org.drip.service	api	• FI

org.drip.service	env	BondManager
		CDSManager
		EnvManager
		• EODCurves
		RatesManager
		StaticBACurves
org.drip.service	external	AnalyticsClient
		AnalyticsServer
org.drip.service	sample	• FIFull
org.drip.tester	product	BondTestSuite
		• FuncTestSuite
		SerializerTestSuite
org.drip.util	common	• FIGen
		Validatable
org.drip.util	date	DateTime
		JulianDate
org.drip.util	internal	• FIUtil
		• Logger