

# Hierarchy For All Packages

## Package Hierarchies:

examen2014\_2015\_monoclase, histogram

## Class Hierarchy

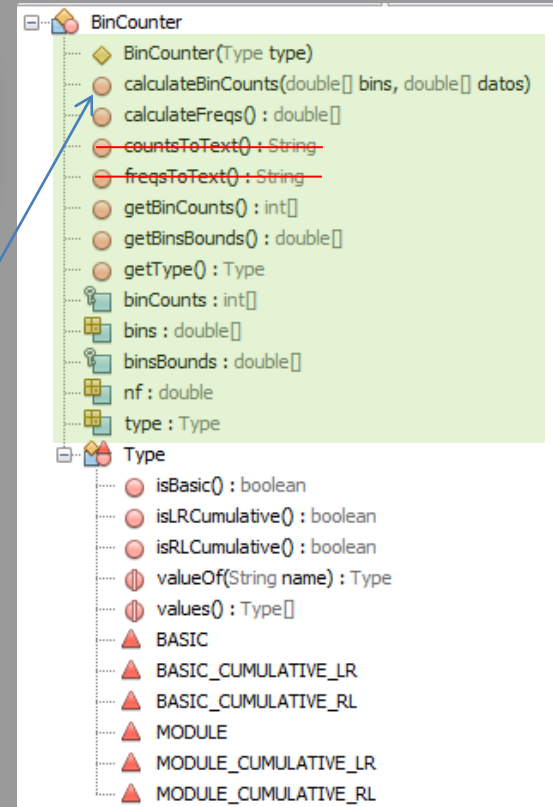
- java.lang.Object
  - histogram.**BinCounter**
  - examen2014\_2015\_monoclase.**Examen2014\_2015**

## Enum Hierarchy

- java.lang.Object
  - java.lang.Enum<E> (implements java.lang.Comparable<T>, java.io.Serializable)
    - histogram.**BinCounter.Type**

```
checkOK(datos, basic);  
checkOK(datos, module);  
checkERROR(datos, basic);  
checkERROR(datos, module);
```

IllegalArgumentException  
(si los bins no son correctos)



```
public static enum Type { BASIC, BASIC_CUMULATIVE_LR, BASIC_CUMULATIVE_RL, MODULE, MODULE_CUMULATIVE_LR, MODULE_CUMULATIVE_RL;  
    public boolean isBasic() { return this==BASIC || this==BASIC_CUMULATIVE_LR || this==BASIC_CUMULATIVE_RL; }  
    public boolean isLRCumulative() { return this==BASIC_CUMULATIVE_LR || this==MODULE_CUMULATIVE_LR; }  
    public boolean isRLCumulative() { return this==BASIC_CUMULATIVE_RL || this==MODULE_CUMULATIVE_RL; }  
}
```

-0.34	0.34	0.59	0.63	0.52
1.42	1.31	0.53	1.00	0.55
-0.39	1.38	0.21	1.36	-0.35
0.46	1.27	1.11	0.81	-0.00
-0.27	1.44	-0.32	1.00	0.34

BASIC

(-inf,-0.10]	5
(-0.10,0.10]	1
(0.10,0.20]	0
(0.20,0.30]	1
(0.30,0.40]	2
(0.40,0.50]	1
(0.50,inf)	15

(-inf,-0.10]	20.00
(-0.10,0.10]	4.00
(0.10,0.20]	0.00
(0.20,0.30]	4.00
(0.30,0.40]	8.00
(0.40,0.50]	4.00
(0.50,inf)	60.00

-----  
BASIC\_CUMULATIVE\_LR

(-inf,-0.10]	5
(-0.10,0.10]	6
(0.10,0.20]	6
(0.20,0.30]	7
(0.30,0.40]	9
(0.40,0.50]	10
(0.50,inf)	25

(-inf,-0.10]	20.00
(-0.10,0.10]	24.00
(0.10,0.20]	24.00
(0.20,0.30]	28.00
(0.30,0.40]	36.00
(0.40,0.50]	40.00
(0.50,inf)	100.00

-----  
BASIC\_CUMULATIVE\_RL

(-inf,-0.10]	25
(-0.10,0.10]	20
(0.10,0.20]	19
(0.20,0.30]	19
(0.30,0.40]	18
(0.40,0.50]	16
(0.50,inf)	15

(-inf,-0.10]	100.00
(-0.10,0.10]	80.00
(0.10,0.20]	76.00
(0.20,0.30]	76.00
(0.30,0.40]	72.00
(0.40,0.50]	64.00
(0.50,inf)	60.00

MODULE

[0.0,0.10]	1
(0.10,0.20]	0
(0.20,0.30]	2
(0.30,0.40]	6
(0.40,0.50]	1
(0.50,inf)	15

[0.0,0.10]	4.00	← 1x4
(0.10,0.20]	0.00	← 0x4
(0.20,0.30]	8.00	← 6x4
(0.30,0.40]	24.00	←
(0.40,0.50]	4.00	←
(0.50,inf)	60.00	←

-----  
MODULE\_CUMULATIVE\_LR

[0.0,0.10]	1	←
(0.10,0.20]	1	← +0
(0.20,0.30]	3	← +2
(0.30,0.40]	9	← +6
(0.40,0.50]	10	←
(0.50,inf)	25	←

[0.0,0.10]	4.00
(0.10,0.20]	4.00
(0.20,0.30]	12.00
(0.30,0.40]	36.00
(0.40,0.50]	40.00
(0.50,inf)	100.00

-----  
MODULE\_CUMULATIVE\_RL

[0.0,0.10]	25	↑
(0.10,0.20]	24	← +2
(0.20,0.30]	24	← +6
(0.30,0.40]	22	← +1
(0.40,0.50]	16	←
(0.50,inf)	15	←

[0.0,0.10]	100.00
(0.10,0.20]	96.00
(0.20,0.30]	96.00
(0.30,0.40]	88.00
(0.40,0.50]	64.00
(0.50,inf)	60.00

-----  
BASIC genera correctamente una excepción. Mensaje: La secuencia de fronteras no es monótona creciente

BASIC\_CUMULATIVE\_LR genera correctamente una excepción. Mensaje: La secuencia de fronteras no es monótona creciente

BASIC\_CUMULATIVE\_RL genera correctamente una excepción. Mensaje: La secuencia de fronteras no es monótona creciente

MODULE genera correctamente una excepción. Mensaje: La secuencia de fronteras no es monótona creciente

MODULE\_CUMULATIVE\_LR genera correctamente una excepción. Mensaje: La secuencia de fronteras no es monótona creciente

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MODULE genera correctamente una excepción. Mensaje: No pueden definirse fronteras negativas para un histograma de módulos

MODULE\_CUMULATIVE\_LR genera correctamente una excepción. Mensaje: No pueden definirse fronteras negativas para un histograma de módulos

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