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- ?? Legend
- ??? Coord
- ?????? Transform
- ??? Scale
- ??? Axis
- ? Geom

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## ?? Legend - ???

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- ??????? ??? 0 ~ 1 ?
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- ??????X ? Y ????????reflect?
  - X
  - Y
- ??????X??Y? ????? false?
  - false
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# ??????? Transform

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## ??????? Transform - ???

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## ??? Scale - ???

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linear	?????	[1 ,2 ,3 ,4 ,5]
log	??????Log??	? [1,10,100,1000] ??? [0,1,2,3]
power	??????pow??	? [2,4,8,16,32] ??? [1,2,3,4,5]
cat	??	[ '?' , '?' ]
time	????????	????
timeCat	??????	????





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o ???? ?????????????????

o ???? ?????????????,???? **time ? timeCat** ?????????86400?

o ???? ????????????

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. log??

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o YYYY ??????

o MM ??? , 01 ~ 12?4?M = ??? , 3?M = ?????

- DD ??? , 01 ~ 31 ?
- ddd ??? , ? ~ ??4?d = ????, 3?d = ?????
- HH ??? , 0 ~ 24?
- mm ??? , 0 ~ 59?
- ss ??? , 0 ~ 59?
- sss ??? , 0 ~ 999?

???YYYY-MM-DD(ddd)  
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# ??? Axis

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## ??? Axis - ???

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- ?? ????????????????
- ????
  - left
  - right
  - top
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# ? Geom

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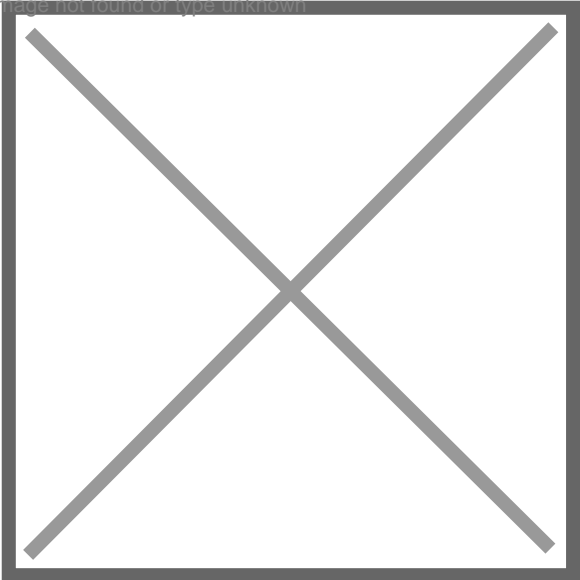
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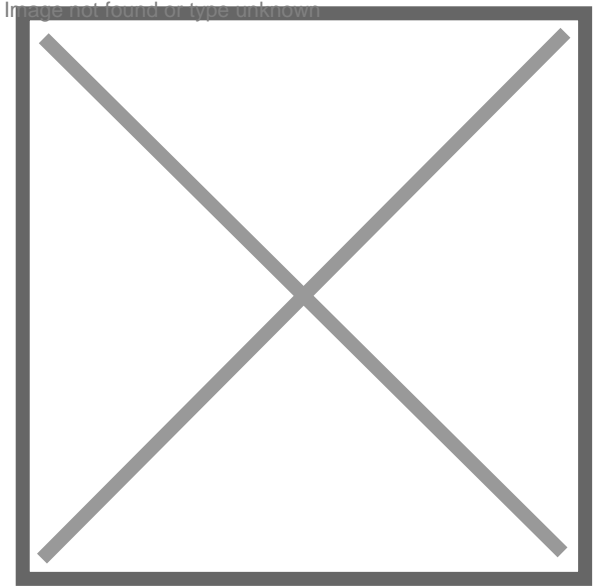
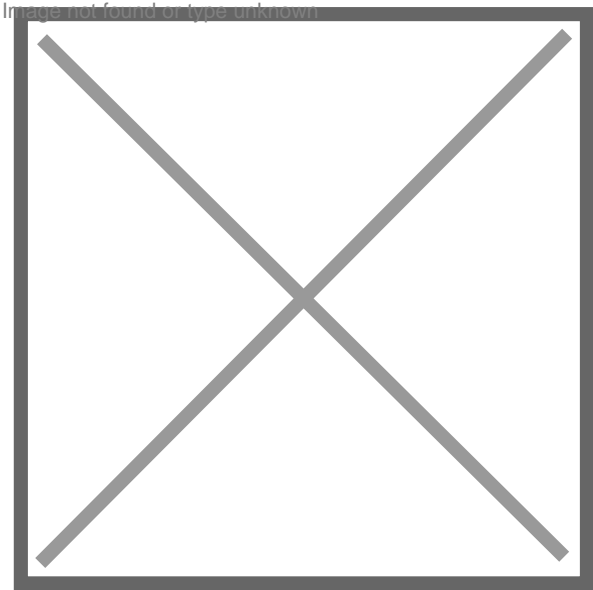
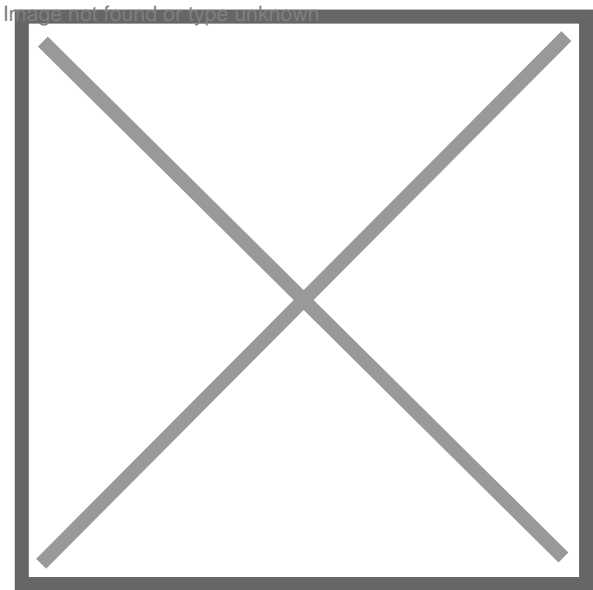
## ? Geom - ???

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- ???, ??????????
- ???, X??Y???????
- ????, ??????
- ???number\*name

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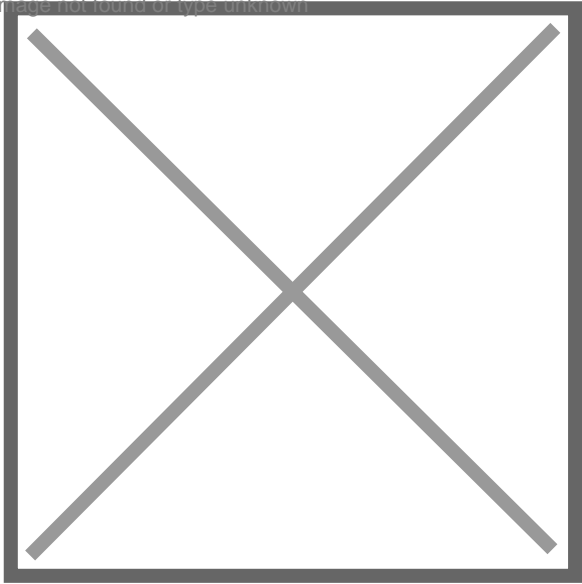
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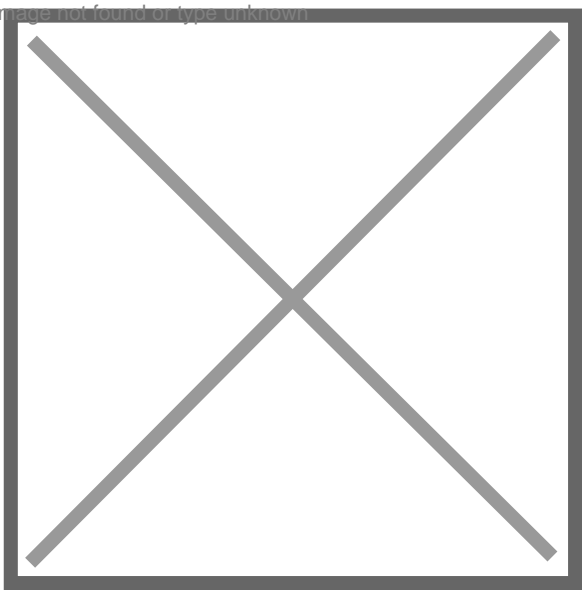
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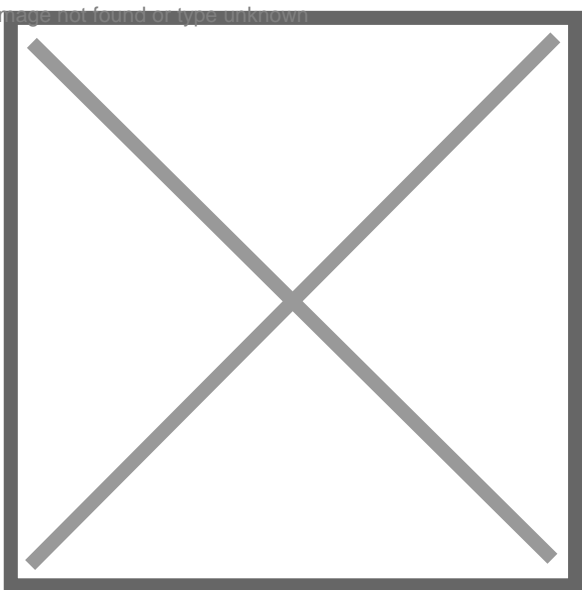
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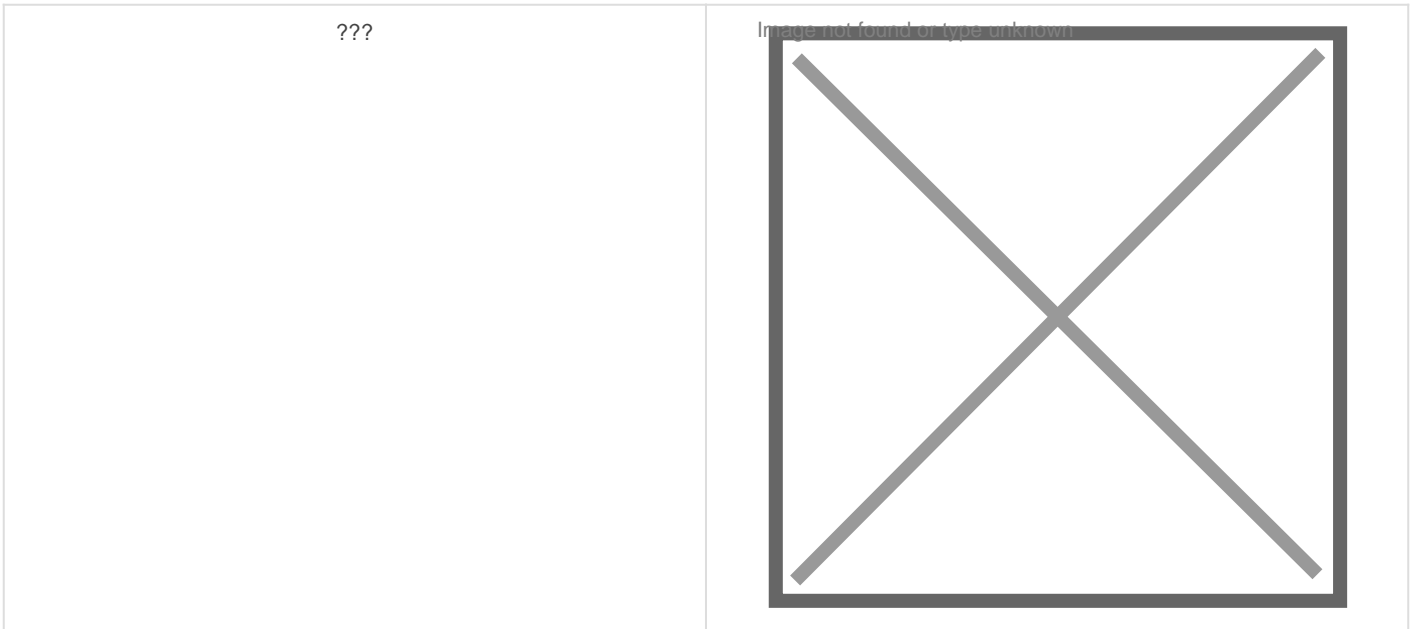
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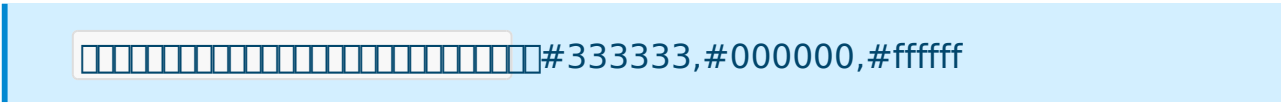




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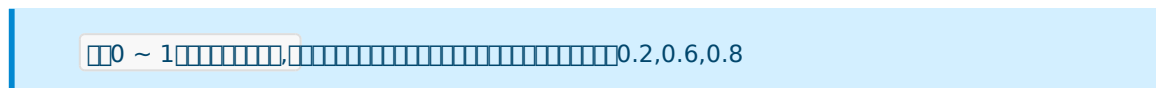
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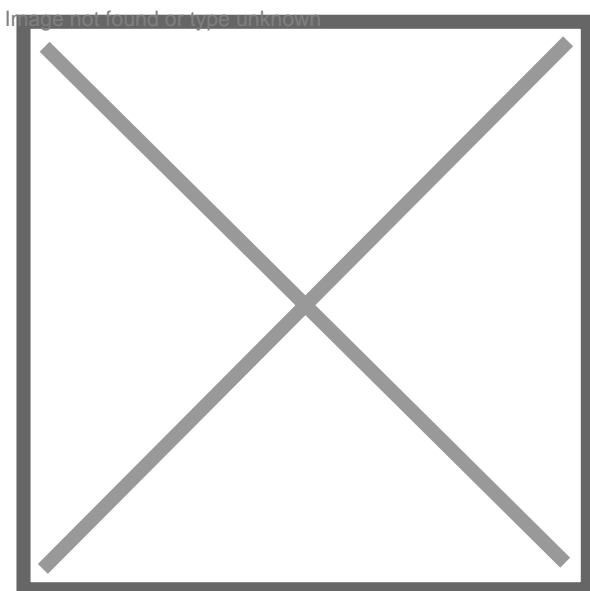
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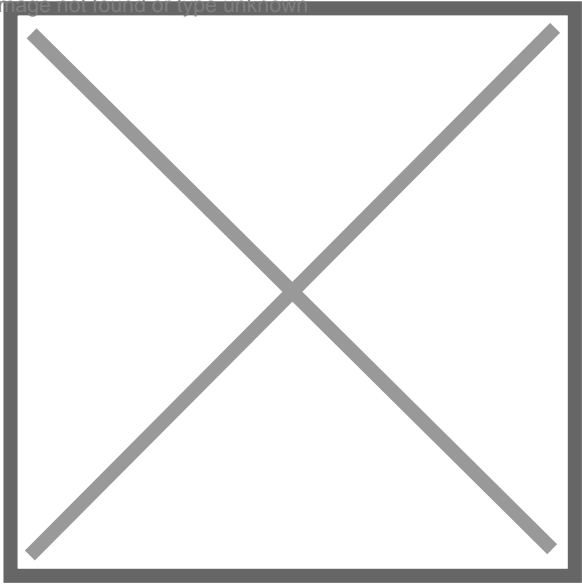
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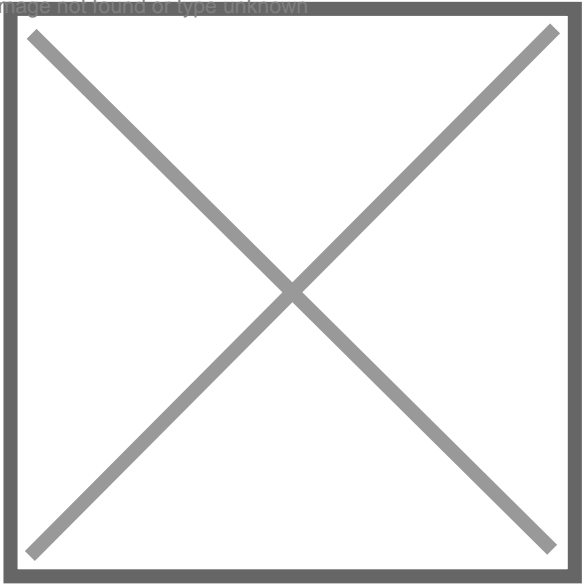
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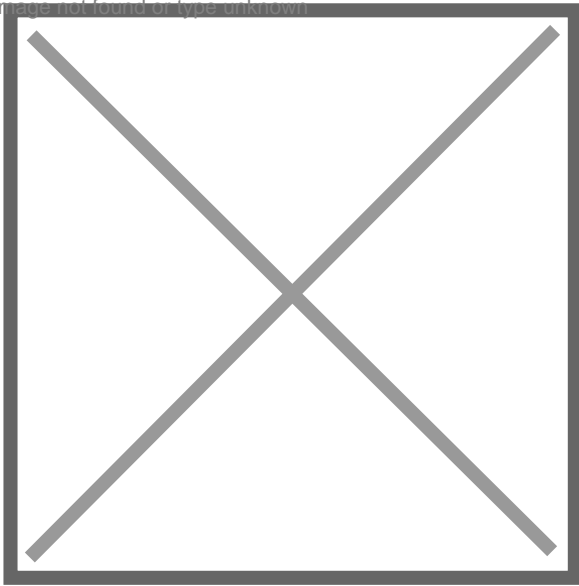
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