



# Make things possible.

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Change the world by connecting people and capital with ideas. Solve the most challenging and pressing engineering problems for our clients. Join our engineering teams that build massively scalable software and systems, architect low latency infrastructure solutions, proactively guard against cyber threats, and leverage machine learning alongside financial engineering to continuously turn data into action. Create new businesses, transform finance, and explore a world of opportunity at the speed of markets.

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*Make things possible* at [goldmansachs.com/careers](https://goldmansachs.com/careers).



```
//Calculate Valuation Types
Set<ValuationType> valuationTypes = leg.getAllQuoteConventions().stream()
    .flatMap(quoteConvention -> levelTypes.stream().map(levelType ->
        ImmutablePair.of(quoteConvention, levelType)))
    .map(quoteConventionAndLevelType ->
        ValuationType.from(quoteConventionAndLevelType.getKey(),
            quoteConventionAndLevelType.getValue(), direction))
    .filter(Optional::isPresent)
    .map(Optional::get)
    .collect(toSet());
```



## JOIN US


## ADDITIONAL DETAILS

```
#ifdef FP_FAST_FMA
double2 data = fma(u01_f2, convert_double2(uniform), u01_h2);
#else
double2 data = u01_f2 * convert_double2(uniform) + u01_h2;
#endif
double r = sqrt(-2.0 * log(data.s0));
double cosValue;
data.s0 = sincos(2 * M_PI * data.s1, &cosValue);
data.s1 = cosValue;
return (double2)(r) * data;
```

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