

Package [velox.api.layer1.data](#)

Class SimpleOrderSendParameters

[java.lang.Object](#)
 [velox.api.layer1.data.SingleOrderSendParameters](#)
 [velox.api.layer1.data.SimpleOrderSendParameters](#)

All Implemented Interfaces:

[OrderSendParameters](#)

```
public class SimpleOrderSendParameters
extends SingleOrderSendParameters
```

Simple order. (market, stop, limit or stop-limit)

Nested Class Summary

Nested Classes		
Modifier and Type	Class	Description
static interface	SimpleOrderSendParameters.PriceFormatter	

Field Summary

Fields

Modifier and Type	Field	Description
final List < BracketTier >	additionalStopLossTiers	If not empty - describes stop loss tiers of the bracket after the first (which is described by stopLossOffset).
final List < BracketTier >	additionalTakeProfitTiers	If not empty - describes take profit tiers of the bracket after the first (which is described by takeProfitOffset).
final boolean	closingPositionHint	Indicates that intention is to close position.
final boolean	doNotIncrease	Do non increase flag - if set it should not be possible to increase order size.
final double	limitPrice	Limit price for limit and stop-limit orders, NaN for market orders
final boolean	reversingPositionHint	Indicates that intention is to reverse position.
double	sizeMultiplier	Deprecated.
final String	stopLossClientId	Client id for stop loss order, similar too SingleOrderSendParameters.clientId
final int	stopLossOffset	Offset for stop loss order (for brackets).
final int	stopLossTrailingStep	Stop loss trailing step.
final double	stopPrice	Stop price for stop and stop-limit orders, NaN for market and limit orders
final String	takeProfitClientId	Client id for take profit order, similar too SingleOrderSendParameters.clientId
final int	takeProfitOffset	Offset for take profit order (for brackets).
final int	trailingStep	Trailing step for this order, if it's a stop order.

Fields inherited from class **velox.api.layer1.data.SingleOrderSendParameters**

alias, **clientId**, **duration**, **isBuy**, **size**

Constructor Summary

Constructors

Constructor	Description
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, double limitPrice, double stopPrice)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, double limitPrice, double stopPrice, double sizeMultiplier)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, double limitPrice, double stopPrice, int takeProfitOffset, int stopLossOffset, int stopLossTrailingStep, int trailingStep, boolean doNotIncrease)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, double limitPrice, double stopPrice, int takeProfitOffset, int stopLossOffset, int stopLossTrailingStep, int trailingStep, boolean doNotIncrease, double sizeMultiplier)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, int trailingStep, double limitPrice, double stopPrice)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, int trailingStep, double limitPrice, double stopPrice, double sizeMultiplier)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, String clientId, double limitPrice, double stopPrice, int takeProfitOffset, int stopLossOffset, int stopLossTrailingStep, int trailingStep, boolean doNotIncrease)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, String clientId, double limitPrice, double stopPrice, int takeProfitOffset, int stopLossOffset, int stopLossTrailingStep, int trailingStep, boolean doNotIncrease, boolean reversingPositionHint, boolean closingPositionHint)</code>	Deprecated.
<code>SimpleOrderSendParameters(String alias, boolean isBuy, int size, OrderDuration duration, String clientId, double limitPrice, double stopPrice, int takeProfitOffset, int stopLossOffset, int stopLossTrailingStep, int trailingStep, boolean doNotIncrease, double sizeMultiplier)</code>	Deprecated.

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
String	representation (SimpleOrderSendParameters.PriceFormatt	

```
double sizeMultiplier)
```

```
AbstractSimpleOrderSendParametersBuilder toBuilder()
```



```
String toString()
```

Methods inherited from class java.lang.Object

```
clone , equals , finalize , getClass , hashCode , notify , notifyAll , wait , wait , wait
```

Field Details

limitPrice

```
public final double limitPrice
```

Limit price for limit and stop-limit orders, NaN for market orders

stopPrice

```
public final double stopPrice
```

Stop price for stop and stop-limit orders, NaN for market and limit orders

takeProfitOffset

```
public final int takeProfitOffset
```

Offset for take profit order (for brackets). 0 if not needed. If `additionalTakeProfitTiers` contains any tiers, this defines the first tier (size will be whatever remains after the `additionalTakeProfitTiers`).

additionalTakeProfitTiers

```
public final List <BracketTier> additionalTakeProfitTiers
```

If not empty - describes take profit tiers of the bracket after the first (which is described by `takeProfitOffset`).

stopLossOffset

```
public final int stopLossOffset
```

Offset for stop loss order (for brackets). 0 if not needed. If `additionalStopLossTiers` contains any tiers, this defines the first tier (size will be whatever remains after the `additionalStopLossTiers`).

stopLossTrailingStep

```
public final int stopLossTrailingStep
```

Stop loss trailing step. 0 for non-trailing stop loss.

additionalStopLossTiers

```
public final List <BracketTier> additionalStopLossTiers
```

If not empty - describes stop loss tiers of the bracket after the first (which is described by `stopLossOffset`).

takeProfitClientId

```
public final String takeProfitClientId
```

Client id for take profit order, similar too `SingleOrderSendParameters.clientId`

stopLossClientId

```
public final String stopLossClientId
```

Client id for stop loss order, similar too `SingleOrderSendParameters.clientId`

trailingStep

```
public final int trailingStep
```

Trailing step for this order, if it's a stop order. 0 for non-trailing orders

doNotIncrease

```
public final boolean doNotIncrease
```

Do not increase flag - if set it should not be possible to increase order size. Handled inside Bookmap L1 stack, no need to worry about it when writing LO provider.

reversingPositionHint

```
public final boolean reversingPositionHint
```

Indicates that intention is to reverse position. Some platforms might provide you a better way to do it, in which case you can use that instead. Provider is not required to support this.

closingPositionHint

```
public final boolean closingPositionHint
```

Indicates that intention is to close position. Some platforms might provide you a better way to do it, in which case you can use that instead. Provider is not required to support this.

sizeMultiplier

@Deprecated

```
public double sizeMultiplier
```

Deprecated.

Was added by mistake. Please don't use it. Kept for compatibility to avoid introducing new API version.

Constructor Details

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                   boolean isBuy,
                                   int size,
                                   OrderDuration duration,
                                   double limitPrice,
                                   double stopPrice)
```

Deprecated.

Don't use this directly - use [SimpleOrderSendParametersBuilder](#) instead.

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                   boolean isBuy,
                                   int size,
                                   OrderDuration duration,
                                   int trailingStep,
                                   double limitPrice,
                                   double stopPrice)
```

Deprecated.

Don't use this directly - use [SimpleOrderSendParametersBuilder](#) instead.

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                  boolean isBuy,
                                  int size,
                                  OrderDuration duration,
                                  double limitPrice,
                                  double stopPrice,
                                  int takeProfitOffset,
                                  int stopLossOffset,
                                  int stopLossTrailingStep,
                                  int trailingStep,
                                  boolean doNotIncrease)
```

Deprecated.

Don't use this directly - use [SimpleOrderSendParametersBuilder](#) instead.

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                  boolean isBuy,
                                  int size,
                                  OrderDuration duration,
                                  String clientId,
                                  double limitPrice,
                                  double stopPrice,
                                  int takeProfitOffset,
                                  int stopLossOffset,
                                  int stopLossTrailingStep,
                                  int trailingStep,
                                  boolean doNotIncrease,
                                  boolean reversingPositionHint,
                                  boolean closingPositionHint)
```

Deprecated.

Don't use this directly - use [SimpleOrderSendParametersBuilder](#) instead.

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                  boolean isBuy,
                                  int size,
                                  OrderDuration duration,
                                  String clientId,
                                  double limitPrice,
                                  double stopPrice,
                                  int takeProfitOffset,
                                  int stopLossOffset,
                                  int stopLossTrailingStep,
                                  int trailingStep,
                                  boolean doNotIncrease)
```

Deprecated.

Don't use this directly - use [SimpleOrderSendParametersBuilder](#) instead.

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                  boolean isBuy,
                                  int size,
                                  OrderDuration duration,
                                  double limitPrice,
                                  double stopPrice,
                                  double sizeMultiplier)
```

Deprecated.

sizeMultiplier parameter was added to API due to a mistake, please use a version without it

SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                  boolean isBuy,
                                  int size,
                                  OrderDuration duration,
                                  int trailingStep,
                                  double limitPrice,
                                  double stopPrice,
                                  double sizeMultiplier)
```

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SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                boolean isBuy,
                                int size,
                                OrderDuration duration,
                                double limitPrice,
                                double stopPrice,
                                int takeProfitOffset,
                                int stopLossOffset,
                                int stopLossTrailingStep,
                                int trailingStep,
                                boolean doNotIncrease,
                                double sizeMultiplier)
```

Deprecated.

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SimpleOrderSendParameters

@Deprecated

```
public SimpleOrderSendParameters(String alias,
                                boolean isBuy,
                                int size,
                                OrderDuration duration,
                                String clientId,
                                double limitPrice,
                                double stopPrice,
                                int takeProfitOffset,
                                int stopLossOffset,
                                int stopLossTrailingStep,
                                int trailingStep,
                                boolean doNotIncrease,
                                double sizeMultiplier)
```

Deprecated.

sizeMultiplier parameter was added to API due to a mistake, please use a version without it

Method Details

toBuilder

```
public AbstractSimpleOrderSendParametersBuilder<SimpleOrderSendParametersBuilder> toBuilder()
```

toString

```
public String toString()
```

Overrides:

toString in class `SingleOrderSendParameters`

representation

```
public String representation(SimpleOrderSendParameters.PriceFormatter formatter,  
                             double sizeMultiplier)
```