dxFeed C# API 5.2.1 Release Notes

API Changes

We released dxFeed C# API 5.2.1 to improve its functionality and simplify its usage. In this version, we synchronized all events with dxFeed Java API, fixed a crush and made minor changes in fields' names.

New version of dxFeed C# API is already available on our website. Please contact support@dxfeed.com if you have any questions.

Event Change List

Common changes:
- `EventFlags`, `PriceType`, `TimeAndSaleType` and `Scope` have been moved from `com.dxfeed.api.event` to `com.dxfeed.api.data`.
- `Direction`, `ShortSaleRestriction`, `Side` and `TradingStatus` have been added to `com.dxfeed.api.data`. They are counterparts to enums from `com.dxfeed.event.market` Java API package.
- All `DxString`-typed fields have been changed to `string` type. `DxString` has been removed.
- All `Flags` properties have been renamed to `RawFlags` for all events. Bit content of raw flags is considered implementation detail and is not documented.
- `IndexedEvent` has been renamed to `IDxIndexedEvent`.
- `LastingEvent` has been renamed to `IDxLastingEvent`.
- `TimeSeriesEvent` has been renamed to `IDxTimeSeriesEvent`.
- `IDxTradeEth` have been renamed to `IDxTradeETH`.

`IDxTrade`
- Fields `Sequence` and `TimeNanoPart` have been added.
- Fields `TickDirection` and `IsEctendedTradingHours` have been added.

IDxQuote

- Fields `Time`, `Sequence` and `TimeNanoPart` have been added.

IDxSummary

- Fields `DayClosePriceType` and `PrevDayClosePriceType` have been added.

IDxProfile

- Field `Eps` has been renamed to `EPS`.
- Field `FreeFloat` has been added.
- Fields `ShortSaleRestriction` and `TradingStatus` have been added.

IDxOrder and **IDxSpreadOrder**

- Field `TimeNanoPart` has been added.
- Field `level` has been removed, use `scope` instead.

IDxTimeAndSale

- Field `IsTrade` has been renamed to `IsETHTrade`.
- Field `trade_through_exempt` has been added.
- Fields `buyer` and `seller` have been added. These fields are available at limited number of markets.

IDxCandle

- Deprecated field `DateTime` has been removed.

IDxGreeks

- Field `GreeksPrice` has been renamed to `Price`.
- Fields `MaxSequence` and `Sequence` have been removed.

IDxTheoPrice

- All `Theo` prefixes have been removed from properties.

IDxConfiguration

- Field `Version` has been added.
- Field `Attachment` type has been changed to `string`.