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Instrument List

Instrument List

You can fetch instrument list for all instruments which can be traded via Dhan by using below URL:

Compact:

```
https://images.dhan.co/api-data/api-scrip-master.csv
```

Detailed:

```
https://images.dhan.co/api-data/api-scrip-master-detailed.csv
```

This fetches list of instruments as CSV with Security ID and other important details which will help you build with DhanHQ APIs.

Segmentwise List

You can fetch detailed instrument list for all instruments in a particular exchange and segment by passing the same in parameters as below:

```
curl --location 'https://api.dhan.co/v2/instrument/{exchangeSegment}' \
```

This helps to fetch instrument list of only one particular `exchangeSegment` at a time. The mapping of the same can be found [here](#).

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Segmentwise List

Column Description

Column Description

Detailed tag	Compact tag	Description
EXCH_ID	SEM_EXM_EXCH_ID	Exchange <code>NSE</code> <code>BSE</code> <code>MCX</code>
SEGMENT	SEM_SEGMENT	Segment <code>C</code> - Currency <code>D</code> - Derivatives <code>E</code> - Equity <code>M</code> - Commodity
ISIN	-	International Securities Identification Number(ISIN) - 12-digit alphanumeric code unique for instruments
INSTRUMENT	SEM_INSTRUMENT_NAME	Instrument defined by Exchange - defined here
removed	SEM_EXPIRY_CODE	Expiry Code (applicable in case of Futures Contract) - defined here
UNDERLYING_SECURITY_ID	-	Security ID of underlying instrument (applicable in case of derivative contracts)
UNDERLYING_SYMBOL	-	Symbol of underlying instrument (applicable in case of derivative contracts)
SYMBOL_NAME	SM_SYMBOL_NAME	Symbol name of instrument
removed	SEM_TRADING_SYMBOL	Exchange trading symbol of instrument
DISPLAY_NAME	SEM_CUSTOM_SYMBOL	Dhan display symbol name of instrument
INSTRUMENT_TYPE	SEM_EXCH_INSTRUMENT_TYPE	In addition to 'INSTRUMENT' column, instrument type is defined by exchange adding more details about instrument
SERIES	SEM_SERIES	Exchange defined series for instrument
LOT_SIZE	SEM_LOT_UNITS	Lot Size in multiples of which instrument is traded
SM_EXPIRY_DATE	SEM_EXPIRY_DATE	Expiry date of instrument (applicable in case of derivative contracts)
STRIKE_PRICE	SEM_STRIKE_PRICE	Strike Price of Options Contract
OPTION_TYPE	SEM_OPTION_TYPE	Type of Options Contract

	E	CE - Call PE - Put
TICK_SIZE	SEM_TICK_SIZE	Minimum decimal point at which an instrument can be priced
EXPIRY_FLAG	SEM_EXPIRY_FLAG G	Type of Expiry (applicable in case of option contracts) M - Monthly Expiry W - Weekly Expiry
BRACKET_FLAG	-	Bracket order status N - Not available Y - Allowed
COVER_FLAG	-	Cover order status N - Not available Y - Allowed
ASM_GSM_FLAG	-	Flag for instrument is ASM or GSM N - Not in ASM/GSM R - Removed from block Y - ASM/GSM
ASM_GSM_CATEGORY	-	Category of instrument in ASM or GSM NA in case of no surveillance
BUY_SELL_INDICATOR	-	Indicator to show if Buy and Sell is allowed in instrument A if both Buy/Sell is allowed
BUY_CO_MIN_MARGIN_PER	-	Buy cover order minimum margin requirement (in percentage)
SELL_CO_MIN_MARGIN_IN_PER	-	Sell cover order minimum margin requirement (in percentage)
BUY_CO_SL_RANGE_MAX_PERC	-	Buy cover order maximum range for stop loss leg (in percentage)
SELL_CO_SL_RANGE_MAX_PERC	-	Sell cover order maximum range for stop loss leg (in percentage)
BUY_CO_SL_RANGE_MIN_PERC	-	Buy cover order minimum range for stop loss leg (in percentage)
SELL_CO_SL_RANGE_MIN_PERC	-	Sell cover order minimum range for stop loss leg (in percentage)
BUY_BO_MIN_MARGIN_PER	-	Buy bracket order minimum margin requirement (in percentage)
SELL_BO_MIN_MARGIN_IN_PER	-	Sell bracket order minimum margin requirement (in percentage)
BUY_BO_SL_RANGE_MAX_PERC	-	Buy bracket order maximum range for stop loss leg (in percentage)
SELL_BO_SL_RANGE_MAX_PERC	-	Sell bracket order maximum range for stop loss leg (in percentage)
BUY_BO_SL_RANGE_MIN_PERC	-	Buy bracket order minimum range for stop loss leg (in percentage)
SELL_BO_SL_RANGE_MIN_RANGE	-	Sell bracket order minimum range for stop loss leg (in percentage)
BUY_BO_PROFIT_RANGE_MAX_PERC	-	Buy bracket order maximum range for target leg (in percentage)
SELL_BO_PROFIT_RANGE_MAX_PERC	-	Sell bracket order maximum range for target leg (in percentage)
BUY_BO_PROFIT_RANGE_MIN_PERC	-	Buy bracket order minimum range for target leg (in percentage)
SELL_BO_PROFIT_RANGE_MIN_PERC	-	Sell bracket order minimum range for target leg (in percentage)
MTF_LEVERAGE	-	MTF Leverage available (in x multiple) for eligible 'EQUITY' instruments