

Examples of use functions iBandsfunc and iMACDfunc for MQL4.

iBandsfunc:

Example 1.

Symbol - current symbol (NULL),
Timeframe - current chart timeframe (0),
Period to calculate Bollinger - 20,
Deviation - 1.7,
The indicator shift relative to the char - 0,
Applied price - close (PRICE_CLOSE),
Indicator line index - upper line (MODE_UPPER),
MA method - simple moving average (MODE_SMA),
Index of the value taken from the indicator buffer - 1.

```
double result=iBandsfunc(NULL, 0, 20, 1.7, 0, PRICE_CLOSE, MODE_UPPER, MODE_SMA, 1);
```

Example 2.

Symbol - GBPUSD,
Timeframe - H4 (PERIOD_H4),
Period to calculate Bollinger - 14,
Deviation - 2.15,
The indicator shift relative to the char - 2,
Applied price - high (PRICE_HIGH),
Indicator line index - lower line (MODE_LOWER),
MA method - exponential moving average (MODE_EMA),
Index of the value taken from the indicator buffer - 5.

```
double result=iBandsfunc("GBPUSD", PERIOD_H4, 14, 2.15, 2, PRICE_HIGH, MODE_LOWER, MODE_EMA, 5);
```

iMACDfunc:

Example 1.

$MACD = EMA(CLOSE, 12) - EMA(CLOSE, 26)$
 $SIGNAL = SMA(MACD, 9)$

Symbol - current symbol (NULL),
Timeframe - current chart timeframe (0),
Number of periods for fast moving average calculation - 12,
Number of periods for slow moving average calculation - 26,
MA method for MACD - exponential moving average (MODE_EMA),
Number of periods for signal moving average calculation - 9,
MA method for SIGNAL - simple moving average (MODE_SMA),
Applied price - close (PRICE_CLOSE),
Indicator line index - base indicator line (MODE_MAIN),
Index of the value taken from the indicator buffer - 0.

```
double iMACDfunc(NULL, 0, 12, 26, MODE_EMA, 9, MODE_SMA, PRICE_CLOSE, MODE_MAIN, 0)
```

Example 2.

$MACD = SMMA(OPEN, 10) - SMMA(OPEN, 30)$

$SIGNAL = LWMA(MACD, 15)$

Symbol - USDJPY,

Timeframe - M30 (PERIOD_M30),

Number of periods for fast moving average calculation - 10,

Number of periods for slow moving average calculation - 30,

MA method for MACD - smoothed moving average (MODE_SMMA),

Number of periods for signal moving average calculation - 15,

MA method for SIGNAL - linear weighted moving average (MODE_LWMA),

Applied price - open (PRICE_OPEN),

Indicator line index - signal line. (MODE_SIGNAL),

Index of the value taken from the indicator buffer - 2.

```
double iMACDfunc("USDJPY", PERIOD_M30, 10, 30, MODE_SMMA, 15, MODE_LWMA, PRICE_OPEN, MODE_SIGNAL, 2)
```