Engine options:

The engine, driving RGT have a set of functions, that can be enabled or disabled from within code. These functions are called “options” and are separate for long and short orders. Option referencing is done by specifying option name and scope modifier. Available modifiers are Long, Short and All. Thus, specifying for example “TradeAllowed.Long = true;” tells the that opening trades in long direction is allowed.

This is the list of options:

TradeAllowed - When this option is false, trades are not allowed, when true - trading is possible.

Trade - When this option is true and option "TradeAllowed" is enabled the system performs a market order in the direction, specified by the option modifier.

GoSafe - not used in this version.

Close - When this option is true the system closes all orders, opened in the direction, specified by option modifier.

CloseProfits - When this option is true the system closes all profit orders (with result>0), opened in the direction, specified by option modifier.

CloseLoses - When this option is true the system closes all losing orders (with result<0), opened in the direction, specified by option modifier.

CloseForBetterAverage - When this option is true the system tries to find profit order with price worse than average price of all orders. If such an order is found it is closed, resulting in fixing order profit, lowering exposition and moving average price far from market simultaneously.

CloseForWorseAverage - When this option is true the system tries to find profit order with price better than average price of all orders. If such an order is found it is closed, resulting in fixing order profit, lowering exposition and moving average price close to market simultaneously.

TralRatchet - When this option is enabled the system sets stop as follow: When order is in lose, stop is not modified. When order is at 60 points profit stop is set to breakeven. When profit is over 100 points stop is set to 60 points. Further, stop is set at profit levels 200,400,800,1600,3200,6400,12800,25600,51200 and 102400 to value half of the level.

TralByTime - When this option is enabled the system moves the stops in the directions of open orders, proportional to the time elapsed since opening of the order.

TralCustom - not used in this version.

ExcludeFixedProfits - When this option is enabled the opened orders, with profit fixed by stop, are excluded from calculating aggregated values.

OnlyBetterStops - When this option is enabled the system modifies stop defined by StopToSet parameter only if the new stop guarantee smaller lose or bigger profit than existing stop for any specific order.

UseLotsToTrade - When this option is enabled the system open orders with volume specified by the LotsToTrade parameter. Otherwise is used DefaultLots parameter of expert advisor.

UseStopLimitToSet - When this option is enabled the system modifies stop and limit of opened orders, regarding parameters StopToSet and LimitToSet. Modification is done when difference between existing and desired stop exceeds AveragingTolerance parameter of expert advisor.

The following parameters are available:

LotsToTrade - Floating point number, describing volume to be traded when option "UseLotsToTrade" is true.

StopToSet - Floating point number, describing stops that engine sets to all open positions when option "UseStopLimitToSet" is true.

LimitToSet - Floating point number, describing limits that engine sets to all open positions when option "UseStopLimitToSet" is true;

Parameters are also referenced with scope modifiers Long, Short and All. For example the code:

LotsToTrade.All = 0.12;

Instructs the engine to open any new trades with 0.12 lots.