mmBBQ 3.0.2.x Manual

Introduction

This is the manual to *mmBBQ 3.0.2.x*, a software to enhance the functionality of the game *Hellgate: Global*. The software is based on *mmBBQ 3.0.2*, which was originally designed to support several different games. Version 3.0.2.x only supports *Hellgate: Global*.

Installation

mmBBQ 3.0.2.x requires Windows XP or Windows Vista to run. For newer Windows versions does it require to be run in compatibility mode, or in a virtual machine together with a copy of Windows XP or Vista and the game itself.

To install *mmBBQ 3.0.2.x* does one only need to extract the .ZIP-file into a directory. In addition can one create a shortcut to the file `START.bat` on the Desktop. Alternative start scripts can be found in the `scripts` directory.

Operation

The game *Hellgate: Global* needs to be running before *mmBBQ 3.0.2.x* can be started. *mmBBQ 3.0.2.x* will hook itself into the running game to intercept core functions of the game and to pass control over the game to a script interpreter. Scripts are then used to manipulate the game. The manipulations are not permanent and do not affect any of the game's files.

After the game has been started by its launcher and the game prompts for the player's login can *mmBBQ 3.0.2.x* be started by running `START.bat`. It will open a DOS-like window, which serves as a control terminal to *mmBBQ 3.0.2.x* and where it displays errors, warnings or only informative messages about itself. This window can be minimized while playing the game. *mmBBQ 3.0.2.x* is primarily controlled through in-game commands.

One will need to press Alt-Tab to get to the desktop before `START.bat` can be run in case the game has been set to run in full-screen mode. To close *mmBBQ 3.0.2.x* and thereby to undo its enhancements to the game does one need to enter the command `quit` into its control terminal. Ending the game will close *mmBBQ 3.0.2.x* automatically.

Note: closing the control terminal to *mmBBQ 3.0.2.x* by clicking on the "X" of the window will end the game, too.

In-Game Commands and Features

The game allows to enter commands in its chat window and possesses several built-in commands of its own. For example does the command /fps toggle the display of the game's frame rate. *mmBBQ 3.0.2.x* adds its own commands and uses the chat window to display messages to the player. The chat messages by *mmBBQ 3.0.2.x* are not visible to other players.

Note: The Pause/Break-key on the keyboard can be used to halt or to terminate any of the commands and features. All commands accept ? or help as argument and will print a help text on the chat window.

AutoNPC – Automated interaction with quest NPCs

```
Syntax: /ask for <...>|conrad [alot]|preston [alot]|tm66 [alot]|
          griffin [alot]|neko [alot]|mac [alot]|tm27 [alot]|again|rating <n>
        'for cannonade,fuel,rocket' - select the items to ask for, i.e.
                          cannonades, fuels and rockets
Recognized item names are:
        bolter,cannonade,pistol,focus            (weapons)
        shield,sword,grappler                    (weapons)
        ammo,battery,fuel,relic,rocket,tech      (mods)
        tekou,armwraps                           (blademaster gloves)
        gauntlets,shells,hgauntlets              (guardian gloves)
        pittards,cduellos,sleeves                (evoker gloves)
        clasps,clutches                          (summoner gloves)
        flexers,gloves                           (engineer gloves)
        hduellos,ringers,flexers2                (marksman gloves)
        kakozuri,legwraps                        (blademaster pants)
        shynbalds,chausses,legplates             (guardian pants)
        prowlers,trews,salwars                   (evoker pants)
        spikesheaths,trousers                    (summoner pants)
        sheaths,legguards                        (engineer pants)
        jambarts,leggings,locktights             (marksman pants)
        grounders,tramplers                      (blademaster boots)
        tankers,stompers,sollerets               (guardian boots)
        gaits,strolls,waders                     (evoker boots)
        buskins,treads                           (summoner boots)
        striders,steeltoes                       (engineer boots)
        oxonians,toecaps,sneaks                  (marksman boots)
        'conrad'       - ask Conrad repeatedly until he offers the selected weapons
        'preston'      - ask Preston repeatedly until he offers the selected weapons
        'tm66'         - ask TechSmith66 for the selected mods with item level 47
        'griffin'      - ask Griffin for the selected mods with item level 45
        'neko'         - ask Neko for the selected mods with item level 52
        'mac'          - ask McCarthy repeatedly until she offers the selected gloves
        'tm27'         - ask TechSmith27 repeatedly until he offers the selected pants
        'again'        - skip the offered rewards and ask for a new offer
        'conrad alot'  -
        'preston alot' -
        'tm66 alot'    -
        'griffin alot' -
        'neko alot'    - start an extensive search with the NPC
        'rating 12.0'  - set search threshold to 12.0
Note: pressing F12 in a dialogue with an NPC toggles the mail tool, or,
when the mouse hovers over an unidentified quest reward will it analyze the item.
For already analyzed items will it print the item's rating onto the chat.
An extensive search with '... alot' can consume hundreds of analyzers and
take many hours before it ends.
```

AutoLooter – Automatic loot collector, analyzer and dismantler

```
Syntax: /loot mode <...>|bypass <...>|cm [rating]|on|off
        'mode 0'       - same as 'mode default'
        'mode default' - use default settings (dismantle rares, bypass mods)
        'mode fast'    - fast looting (dismantle legendaries, bypass mods)
        'mode tcr'     - settings best for TCR farming
        'mode csr'     - settings best for CSR farming
        'mode shxp'    - settings best for SH XP farming
        'bypass luck'  - do not dismantle armor with '+64 Luck' or better
        'bypass aa'    - do not dismantle armor with 'All Attributes: +7' or better
        'bypass -'     - do not bypass items from dismantling
        'cm'           - combine rare mods with The Cube into new mods
        'cm 9.0'       - combine rare and legendary mods with a rating of less
                         than 9.0 into new mods
        'on'           - turn AutoLooter on
        'off'          - turn AutoLooter off
```

AutoSHXP – Automated character levelling in *Stonehenge*

```
Syntax: /shxp napalm|smackdown|owait <0-60>|iwait <0-60>|ewait <0-60>|
        mode <0,1,2,3>|party <player|booster [[h:mm]|-]|->|on|off
        'napalm'       - select Napalm Strike for striking (default)
        'smackdown'    - select Smackdown for striking
        'owait 3'      - force a 3 second pause before entering the room
        'iwait 3'      - force a 3 second pause after entering the room
        'ewait 3'      - force a 3 second pause before exiting the room
        'mode 0'       - strike from entrance and do not move (safest)
        'mode 1'       - teleport to frame and strike (default)
        'mode 2'       - teleport to opening and strike (unsafe)
        'mode 3'       - teleport to center and strike (very unsafe)
        'party Sue'    - wait for player 'Sue' to enter first
        'party -'      - wait for nobody (default)
        'booster'      - start using EXP boosters after 1 minute
        'booster 1:23' - start using EXP boosters after 1 hour and 23 minutes
        'booster -'    - do not use EXP boosters (default)
        'on'           - start automatic levelling mode
        'off'          - stop automatic levelling mode
Note: automatic use of EXP boosters only works when game is in Window-mode.
```

AutoTCR – Automated farming on *Tottenham Court Road*

```
Syntax: /tcr findmap [m]|hop [name]|collect|strike [secs[+delay]]|murmur|
        off|trashall
        'findmap'      - attempt to find a small map (90m default)
        'findmap 75'   - attempt to find a map with roughly the length of 75m
        'hop'          - jump through the portals and collect loot repeatedly
        'hop Sam'      - as above, but stay desynchronized to hopper named 'Sam'
        'collect'      - collect loot drops as they occur
        'strike'       - collect loot and throw strikes every few seconds
        'strike 33'    - collect loot and throw strikes at a rate of 33s
        'strike 33+6'  - collect loot and throw strikes at a rate of 33s with 6s delay
        'murmur'       - trade coins for gifts with Murmur in Greenwich HQ
        'off'          - end all activities
        'trashall'     - delete all if not most event gifts found in inventory
Note: Trading coins for gifts with Murmur only works when the game is in Window-mode.
```

KillMark – A benchmark for weapons *(Work In Progress)*

```
Syntax: /killmark on|stats|save|drop|clearall|off
        'on'       - activate KillMark
        'stats'    - show current statistics
        'save'     - save statistics as text file
        'drop'     - drop last sample
        'clearall' - clear all samples
        'off'      - disable KillMark
Supported bosses are: Shulgoth
```

AutoLib – A collection of utility commands

```
Syntax: /speed set [factor]|+|-|off
        'set'        - set game speed to the stored factor (2x or 200% by default)
        'set 2.5'    - set game speed to 2.5x or 250%
        '+'          - increase game speed
        '-'          - decrease game speed
        'off'        - reset game speed to normal


Syntax: /find oculus|glutton|natan|back|set|mark
        'glutton'    - teleport within Harajuku to Glutton
        'natan'      - teleport within Beast Hall to Natan and light torches
        'occi'       -
        'occy'       -
        'oculus'     - teleport within Catacombs Level 15 to Oculus
        'back'       - teleport back
        'set'        - marks current position
        'mark'       - teleports to marked position
Note: if a PRD was set before teleporting to a boss then 'back' will teleport
onto the PRD.
```

Optional Start Scripts

The directory `scripts` contains additional start scripts that can be used as an alternative to the `START.bat` script.

One first needs to edit these scripts before these can be used, i.e. where to find the game launcher.

`StartHGG+mmBBQ.bat`

This script is for starting the game together with *mmBBQ 3.0.2.x*. It starts the *Hellgate: Global* launcher, waits for the game to start and then activates *mmBBQ 3.0.2.x*. In addition does it set the game's priority to ABOVE NORMAL for a better performance.

`StartHGG-1stSandbox.bat`
`StartHGG-2stSandbox.bat`
`StartHGG-3stSandbox.bat`

These scripts start *Hellgate: Global* together with *mmBBQ 3.0.2.x* in a sandbox with *Sandboxie* and alters the clients' CPU affinity to assign each client to different CPUs. The first of the three scripts also increases the client's priority to ABOVE NORMAL. *Sandboxie* is used to run multiple game clients on a single computer.

`SetHGGRoute.bat`

The script is not used for starting the game. Instead, it alters the routing table of Windows to route all *Hellgate: Global* related traffic over a second gateway. It makes it possible to use multiple network connections and to keep the game's network traffic separate from the default route. A typical use case for the script is to run a Virtual Private Network (VPN) and thereby to route the game's network traffic through tight firewalls (i.e. over an HTTP-Proxy server). Only use it when you have a need for it. Search Google for *SoftEther* to find out more about VPNs.

`HGG-IPNamesToIPNumbers.bat`

The script is used for `SetHGGRoute.bat`. It merely resolves the IP names of *Hellgate: Global* servers into their IP numbers. It is only needed in case any of these numbers change, because they are needed for the routing script.

`procaff.exe`

The executable is needed to alter a process' CPU affinity and used by the above start scripts.

The Original

The directory `original` contains the original *mmBBQ 3.0.2* out of completeness. It is not recommended to use the original version, because it is outdated and it does not have all of the enhancements of *mmBBQ 3.0.2.x*.