

NAME**gbz80** — CPU opcode reference**DESCRIPTION**

This is the list of opcodes supported by `rgbasm(1)`, including a short description, the number of bytes needed to encode them and the number of CPU cycles at 1MHz (or 2MHz in GBC dual speed mode) needed to complete them.

Note: All arithmetic and logic instructions that use register **A** as a destination can omit the destination, since it is assumed to be register **A** by default. So the following two lines have the same effect:

```
OR  A,B
OR  B
```

Furthermore, the **CPL** instruction can take an optional **A** destination, since it can only be register **A**. So the following two lines have the same effect:

```
CPL
CPL A
```

LEGEND

List of abbreviations used in this document.

- r8* Any of the 8-bit registers (**A**, **B**, **C**, **D**, **E**, **H**, **L**).
- r16* Any of the general-purpose 16-bit registers (**BC**, **DE**, **HL**).
- n8* 8-bit integer constant.
- n16* 16-bit integer constant.
- e8* 8-bit offset (**-128** to **127**).
- u3* 3-bit unsigned integer constant (**0** to **7**).
- cc* Condition codes:
 - Z** Execute if Z is set.
 - NZ** Execute if Z is not set.
 - C** Execute if C is set.
 - NC** Execute if C is not set.
- vec* One of the **RST** vectors (*0x00*, *0x08*, *0x10*, *0x18*, *0x20*, *0x28*, *0x30*, and *0x38*).

INSTRUCTION OVERVIEW**Load instructions**

```
LD r8,r8
LD r8,n8
LD r16,n16
LD [HL],r8
LD [HL],n8
LD r8,[HL]
LD [r16],A
LD [n16],A
LDH [n16],A
LDH [C],A
```

LD A,[r16]
LD A,[n16]
LDH A,[n16]
LDH A,[C]
LD [HL],A
LD [HLD],A
LD A,[HL]
LD A,[HLD]

8-bit arithmetic instructions

ADC A,r8
ADC A,[HL]
ADC A,n8
ADD A,r8
ADD A,[HL]
ADD A,n8
CP A,r8
CP A,[HL]
CP A,n8
DEC r8
DEC [HL]
INC r8
INC [HL]
SBC A,r8
SBC A,[HL]
SBC A,n8
SUB A,r8
SUB A,[HL]
SUB A,n8

16-bit arithmetic instructions

ADD HL,r16
DEC r16
INC r16

Bitwise logic instructions

AND A,r8
AND A,[HL]
AND A,n8
CPL
OR A,r8
OR A,[HL]
OR A,n8
XOR A,r8
XOR A,[HL]
XOR A,n8

Bit flag instructions

BIT u3,r8

BIT u3,[HL]
RES u3,r8
RES u3,[HL]
SET u3,r8
SET u3,[HL]

Bit shift instructions

RL r8
RL [HL]
RLA
RLC r8
RLC [HL]
RLCA
RR r8
RR [HL]
RRA
RRC r8
RRC [HL]
RRCA
SLA r8
SLA [HL]
SRA r8
SRA [HL]
SRL r8
SRL [HL]
SWAP r8
SWAP [HL]

Jumps and subroutine instructions

CALL n16
CALL cc,n16
JP HL
JP n16
JP cc,n16
JR n16
JR cc,n16
RET cc
RET
RETI
RST vec

Carry flag instructions

CCF
SCF

Stack manipulation instructions

ADD HL,SP
ADD SP,e8
DEC SP

INC SP
LD SP,n16
LD [n16],SP
LD HL,SP+e8
LD SP,HL
POP AF
POP r16
PUSH AF
PUSH r16

Interrupt-related instructions

DI
EI
HALT

Miscellaneous instructions

DAA
NOP
STOP

INSTRUCTION REFERENCE

ADC A,r8

Add the value in *r8* plus the carry flag to **A**.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.
N 0
H Set if overflow from bit 3.
C Set if overflow from bit 7.

ADC A,[HL]

Add the byte pointed to by **HL** plus the carry flag to **A**.

Cycles: 2

Bytes: 1

Flags: See **ADC A,r8**

ADC A,n8

Add the value *n8* plus the carry flag to **A**.

Cycles: 2

Bytes: 2

Flags: See **ADC A,r8**

ADD A,r8

Add the value in *r8* to **A**.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 0

H Set if overflow from bit 3.

C Set if overflow from bit 7.

ADD A,[HL]

Add the byte pointed to by **HL** to **A**.

Cycles: 2

Bytes: 1

Flags: See **ADD A,r8**

ADD A,n8

Add the value *n8* to **A**.

Cycles: 2

Bytes: 2

Flags: See **ADD A,r8**

ADD HL,r16

Add the value in *r16* to **HL**.

Cycles: 2

Bytes: 1

Flags:

N 0

H Set if overflow from bit 11.

C Set if overflow from bit 15.

ADD HL,SP

Add the value in **SP** to **HL**.

Cycles: 2

Bytes: 1

Flags: See **ADD HL,r16**

ADD SP,e8

Add the signed value *e8* to **SP**.

Cycles: 4

Bytes: 2

Flags:

Z 0

N 0

H Set if overflow from bit 3.

C Set if overflow from bit 7.

AND A,r8

Bitwise AND between the value in *r8* and **A**.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 0

H 1

C 0

AND A,[HL]

Bitwise AND between the byte pointed to by **HL** and **A**.

Cycles: 2

Bytes: 1

Flags: See **AND A,r8**

AND A,n8

Bitwise AND between the value in *n8* and **A**.

Cycles: 2

Bytes: 2

Flags: See **AND A,r8**

BIT u3,r8

Test bit *u3* in register *r8*, set the zero flag if bit not set.

Cycles: 2

Bytes: 2

Flags:

Z Set if the selected bit is 0.

N 0

H 1

BIT u3,[HL]

Test bit *u3* in the byte pointed by **HL**, set the zero flag if bit not set.

Cycles: 3

Bytes: 2

Flags: See **BIT u3,r8**

CALL n16

Call address *n16*. This pushes the address of the instruction after the **CALL** on the stack, such that **RET** can pop it later; then, it executes an implicit **JP n16**.

Cycles: 6

Bytes: 3

Flags: None affected.

CALL cc,n16

Call address *n16* if condition *cc* is met.

Cycles: 6 taken / 3 untaken

Bytes: 3

Flags: None affected.

CCF

Complement Carry Flag.

Cycles: 1

Bytes: 1

Flags:

N 0

H 0

C Inverted.

CP A,r8

Subtract the value in *r8* from **A** and set flags accordingly, but don't store the result. This is useful for Comparing values.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 1

H Set if borrow from bit 4.

C Set if borrow (i.e. if $r8 > A$).

CP A,[HL]

Subtract the byte pointed to by **HL** from **A** and set flags accordingly, but don't store the result.

Cycles: 2

Bytes: 1

Flags: See **CP A,r8**

CP A,n8

Subtract the value $n8$ from **A** and set flags accordingly, but don't store the result.

Cycles: 2

Bytes: 2

Flags: See **CP A,r8**

CPL

ComPLement accumulator ($A = \sim A$).

Cycles: 1

Bytes: 1

Flags:

N 1

H 1

DAA

Decimal Adjust Accumulator to get a correct BCD representation after an arithmetic instruction.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

H 0

C Set or reset depending on the operation.

DEC r8

Decrement value in register $r8$ by 1.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 1

H Set if borrow from bit 4.

DEC [HL]

Decrement the byte pointed to by **HL** by 1.

Cycles: 3

Bytes: 1

Flags: See **DEC r8**

DEC r16

Decrement value in register *r16* by 1.

Cycles: 2

Bytes: 1

Flags: None affected.

DEC SP

Decrement value in register **SP** by 1.

Cycles: 2

Bytes: 1

Flags: None affected.

DI

Disable Interrupts by clearing the **IME** flag.

Cycles: 1

Bytes: 1

Flags: None affected.

EI

Enable Interrupts by setting the **IME** flag. The flag is only set *after* the instruction following **EI**.

Cycles: 1

Bytes: 1

Flags: None affected.

HALT

Enter CPU low-power consumption mode until an interrupt occurs. The exact behavior of this instruction depends on the state of the **IME** flag.

IME set

The CPU enters low-power mode until *after* an interrupt is about to be serviced. The handler is executed normally, and the CPU resumes execution after the **HALT** when that returns.

IME not set

The behavior depends on whether an interrupt is pending (i.e. [**IE**] & [**IF**] is non-zero).

None pending

As soon as an interrupt becomes pending, the CPU resumes execution. This is like the above, except that the handler is *not* called.

Some pending

The CPU continues execution after the **HALT**, but the byte after it is read twice in a row (**PC** is not incremented, due to a hardware bug).

Cycles: -

Bytes: 1

Flags: None affected.

INC r8

Increment value in register *r8* by 1.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 0

H Set if overflow from bit 3.

INC [HL]

Increment the byte pointed to by **HL** by 1.

Cycles: 3

Bytes: 1

Flags: See **INC r8**

INC r16

Increment value in register *r16* by 1.

Cycles: 2

Bytes: 1

Flags: None affected.

INC SP

Increment value in register **SP** by 1.

Cycles: 2

Bytes: 1

Flags: None affected.

JP n16

Jump to address *n16*; effectively, store *n16* into **PC**.

Cycles: 4

Bytes: 3

Flags: None affected.

JP cc,n16

Jump to address *n16* if condition *cc* is met.

Cycles: 4 taken / 3 untaken

Bytes: 3

Flags: None affected.

JP HL

Jump to address in **HL**; effectively, load **PC** with value in register **HL**.

Cycles: 1

Bytes: 1

Flags: None affected.

JR n16

Relative Jump to address *n16*. The address is encoded as a signed 8-bit offset from the address immediately following the **JR** instruction, so the target address *n16* must be between **-128** and **127** bytes away. For example:

```
        JR Label    ; no-op; encoded offset of 0
Label:
        JR Label    ; infinite loop; encoded offset of -2
```

Cycles: 3

Bytes: 2

Flags: None affected.

JR cc,n16

Relative Jump to address *n16* if condition *cc* is met.

Cycles: 3 taken / 2 untaken

Bytes: 2

Flags: None affected.

LD r8,r8

Load (copy) value in register on the right into register on the left.

Cycles: 1

Bytes: 1

Flags: None affected.

LD r8,n8

Load value *n8* into register *r8*.

Cycles: 2

Bytes: 2

Flags: None affected.

LD r16,n16

Load value *n16* into register *r16*.

Cycles: 3

Bytes: 3

Flags: None affected.

LD [HL],r8

Store value in register *r8* into the byte pointed to by register **HL**.

Cycles: 2

Bytes: 1

Flags: None affected.

LD [HL],n8

Store value *n8* into the byte pointed to by register **HL**.

Cycles: 3

Bytes: 2

Flags: None affected.

LD r8,[HL]

Load value into register *r8* from the byte pointed to by register **HL**.

Cycles: 2

Bytes: 1

Flags: None affected.

LD [r16],A

Store value in register **A** into the byte pointed to by register *r16*.

Cycles: 2

Bytes: 1

Flags: None affected.

LD [n16],A

Store value in register **A** into the byte at address *n16*.

Cycles: 4

Bytes: 3

Flags: None affected.

LDH [n16],A

Store value in register **A** into the byte at address *n16*, provided the address is between *\$FF00* and *\$FFFF*.

Cycles: 3

Bytes: 2

Flags: None affected.

This is sometimes written as `LDIO [n16], A`, or `LD [$FF00+n8], A`.

LDH [C],A

Store value in register **A** into the byte at address `$FF00+C`.

Cycles: 2

Bytes: 1

Flags: None affected.

This is sometimes written as `LDIO [C], A`, or `LD [$FF00+C], A`.

LD A,[r16]

Load value in register **A** from the byte pointed to by register `r16`.

Cycles: 2

Bytes: 1

Flags: None affected.

LD A,[n16]

Load value in register **A** from the byte at address `n16`.

Cycles: 4

Bytes: 3

Flags: None affected.

LDH A,[n16]

Load value in register **A** from the byte at address `n16`, provided the address is between `$FF00` and `$FFFF`.

Cycles: 3

Bytes: 2

Flags: None affected.

This is sometimes written as `LDIO A, [n16]`, or `LD A, [$FF00+n8]`.

LDH A,[C]

Load value in register **A** from the byte at address `$FF00+c`.

Cycles: 2

Bytes: 1

Flags: None affected.

This is sometimes written as `LDIO A, [C]`, or `LD A, [$FF00+C]`.

LD [HL],A

Store value in register **A** into the byte pointed by **HL** and increment **HL** afterwards.

Cycles: 2

Bytes: 1

Flags: None affected.

This is sometimes written as `LD [HL+], A`, or `LDI [HL], A`.

LD [HLD],A

Store value in register **A** into the byte pointed by **HL** and decrement **HL** afterwards.

Cycles: 2

Bytes: 1

Flags: None affected.

This is sometimes written as `LD [HL-], A`, or `LDD [HL], A`.

LD A,[HLD]

Load value into register **A** from the byte pointed by **HL** and decrement **HL** afterwards.

Cycles: 2

Bytes: 1

Flags: None affected.

This is sometimes written as `LD A, [HL-]`, or `LDD A, [HL]`.

LD A,[HLI]

Load value into register **A** from the byte pointed by **HL** and increment **HL** afterwards.

Cycles: 2

Bytes: 1

Flags: None affected.

This is sometimes written as `LD A, [HL+]`, or `LDI A, [HL]`.

LD SP,n16

Load value *n16* into register **SP**.

Cycles: 3

Bytes: 3

Flags: None affected.

LD [n16],SP

Store **SP** & **\$FF** at address *n16* and **SP** >> **8** at address *n16* + 1.

Cycles: 5

Bytes: 3

Flags: None affected.

LD HL,SP+e8

Add the signed value *e8* to **SP** and store the result in **HL**.

Cycles: 3

Bytes: 2

Flags:

Z 0

N 0

H Set if overflow from bit 3.

C Set if overflow from bit 7.

LD SP,HL

Load register **HL** into register **SP**.

Cycles: 2

Bytes: 1

Flags: None affected.

NOP

No OPeration.

Cycles: 1

Bytes: 1

Flags: None affected.

OR A,r8

Store into **A** the bitwise OR of the value in *r8* and **A**.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 0

H 0

C 0

OR A,[HL]

Store into **A** the bitwise OR of the byte pointed to by **HL** and **A**.

Cycles: 2

Bytes: 1

Flags: See **OR A,r8**

OR A,n8

Store into **A** the bitwise OR of *n8* and **A**.

Cycles: 2

Bytes: 2

Flags: See **OR A,r8**

POP AF

Pop register **AF** from the stack. This is roughly equivalent to the following *imaginary* instructions:

```
ld f, [sp] ; See below for individual flags
inc sp
ld a, [sp]
inc sp
```

Cycles: 3

Bytes: 1

Flags:

Z Set from bit 7 of the popped low byte.

N Set from bit 6 of the popped low byte.

H Set from bit 5 of the popped low byte.

C Set from bit 4 of the popped low byte.

POP r16

Pop register *r16* from the stack. This is roughly equivalent to the following *imaginary* instructions:

```
ld LOW(r16), [sp] ; C, E or L
inc sp
ld HIGH(r16), [sp] ; B, D or H
inc sp
```

Cycles: 3

Bytes: 1

Flags: None affected.

PUSH AF

Push register **AF** into the stack. This is roughly equivalent to the following *imaginary* instructions:

```
dec sp
ld [sp], a
dec sp
ld [sp], flag_Z << 7 | flag_N << 6 | flag_H << 5 | flag_C << 4
```

Cycles: 4

Bytes: 1

Flags: None affected.

PUSH r16

Push register *r16* into the stack. This is roughly equivalent to the following *imaginary* instructions:

```
dec sp
ld [sp], HIGH(r16) ; B, D or H
dec sp
ld [sp], LOW(r16) ; C, E or L
```

Cycles: 4

Cycles: 2

Bytes: 2

Flags:

Z Set if result is 0.

N 0

H 0

C Set according to result.

RL [HL]

Rotate the byte pointed to by **HL** left, through the carry flag.

```

    Flags    [HL]
    C        b7 ... b0
    aaaaaa aaaaaaaaaaaaaaaaaa
    aaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaa
    aaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaa
  
```

Cycles: 4

Bytes: 2

Flags: See **RL r8**

RLA

Rotate register **A** left, through the carry flag.

```

    Flags    A
    C        b7 ... b0
    aaaaaa aaaaaaaaaaaaaaaaaa
    aaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaa
    aaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaa
  
```

Cycles: 1

Bytes: 1

Flags:

Z 0

N 0

H 0

C Set according to result.

RLC r8

Rotate register *r8* left.

```

    Flags    r8
    C        b7 ... b0
    aaaaaa aaaaaaaaaaaaaaaaaa
    aaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaa
    aaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaa
  
```

Cycles: 2

Bytes: 2

Flags:

Z Set if result is 0.
N 0
H 0
C Set according to result.

RLC [HL]

Rotate the byte pointed to by **HL** left.

```

ââ Flags ââ   âââââââ [HL] ââââââ
â   C   ââââ-âââ b7 â ... â b0 ââââ
âââââââââââ â ââââââââââââââââââ â
               ââââââââââââââââââââââ

```

Cycles: 4

Bytes: 2

Flags: See **RLC r8**

RLCA

Rotate register **A** left.

```

ââ Flags ââ   âââââââ A ââââââââ
â   C   ââââ-âââ b7 â ... â b0 ââââ
âââââââââââ â ââââââââââââââââââ â
               ââââââââââââââââââââââ

```

Cycles: 1

Bytes: 1

Flags:

Z 0
N 0
H 0
C Set according to result.

RR r8

Rotate register *r8* right, through the carry flag.

```

ââââââââ r8 âââââââ ââ Flags ââ
ââââ b7 â ... â b0 âââââ   C   ââââ
â âââââââââââââââââââââââââââ â
ââââââââââââââââââââââââââââââ

```

Cycles: 2

Bytes: 2

Flags:

Z	Set if result is 0.
N	0
H	0
C	Set according to result.

RR [HL]

Rotate the byte pointed to by **HL** right, through the carry flag.

```

aaaaaaaa [HL] aaaaaaa aa Flags aa
aaaa b7 a ... a b0 aaaaa C aaaa
a aaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaa a
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
```

Cycles: 4

Bytes: 2

Flags: See **RR r8**

RRA

Rotate register **A** right, through the carry flag.

```

AAAAAAAA AAAAAAAAAA A Flags A
AAAA b7 A ... A b0 AAAA C AAAA
A AAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA A
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

```

Cycles: 1

Bytes: 1

Flags:

Z	0
N	0
H	0
C	Set according to result.

RRC r8

Rotate register *r8* right.

```

aaaaaaaa r8 aaaaaaa aa Flags aa
aaaa b7 a ... a b0 aaaa-aaa C a
a aaaaaaaaaaaaaaaaaaaaaa a aaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaaaaaaaaaaaa

```

Cycles: 2

Bytes: 2

Flags:

Z Set if result is 0.

N 0
H 0
C Set according to result.

RRC [HL]

Rotate the byte pointed to by **HL** right.

```

      âââââââ [HL] ââââââ   ââ Flags ââ
ââââ b7 â ... â b0 ââââ-âââ   C   â
â ââââââââââââââââââââââââ â ââââââââââââ
ââââââââââââââââââââââââââââ

```

Cycles: 4

Bytes: 2

Flags: See **RRC r8**

RRCA

Rotate register **A** right.

```

      ââââââââ A ââââââââ   ââ Flags ââ
ââââ b7 â ... â b0 ââââ-âââ   C   â
â ââââââââââââââââââââââââ â ââââââââââââ
ââââââââââââââââââââââââââââ

```

Cycles: 1

Bytes: 1

Flags:

Z 0
N 0
H 0
C Set according to result.

RST vec

Call address *vec*. This is a shorter and faster equivalent to **CALL** for suitable values of *vec*.

Cycles: 4

Bytes: 1

Flags: None affected.

SBC A,r8

Subtract the value in *r8* and the carry flag from **A**.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.
N 1
H Set if borrow from bit 4.
C Set if borrow (i.e. if $(r8 + \text{carry}) > \mathbf{A}$).

SBC A,[HL]

Subtract the byte pointed to by **HL** and the carry flag from **A**.

Cycles: 2

Bytes: 1

Flags: See **SBC A,r8**

SBC A,n8

Subtract the value *n8* and the carry flag from **A**.

Cycles: 2

Bytes: 2

Flags: See **SBC A,r8**

SCF

Set Carry Flag.

Cycles: 1

Bytes: 1

Flags:

N 0

H 0

C 1

SET u3,r8

Set bit *u3* in register *r8* to 1. Bit 0 is the rightmost one, bit 7 the leftmost one.

Cycles: 2

Bytes: 2

Flags: None affected.

SET u3,[HL]

Set bit *u3* in the byte pointed by **HL** to 1. Bit 0 is the rightmost one, bit 7 the leftmost one.

Cycles: 4

Bytes: 2

Flags: None affected.

SLA r8

Shift Left Arithmetically register *r8*.

```

    Flags    r8
    C        b7 ... b0 0
    Flags

```

Cycles: 2

Bytes: 2

Flags:

Z Set if result is 0.

N 0

H 0

C Set according to result.

SLA [HL]Shift Left Arithmetically the byte pointed to by **HL**.

```

    Flags    [HL]
    C        b7 ... b0 0
    Flags

```

Cycles: 4

Bytes: 2

Flags: See **SLA r8****SRA r8**Shift Right Arithmetically register *r8* (bit 7 of *r8* is unchanged).

```

    r8    Flags
    b7 ... b0 C
    Flags

```

Cycles: 2

Bytes: 2

Flags:

Z Set if result is 0.

N 0

H 0

C Set according to result.

SRA [HL]Shift Right Arithmetically the byte pointed to by **HL** (bit 7 of the byte pointed to by **HL** is unchanged).

```

    [HL]    Flags
    b7 ... b0 C
    Flags

```

Cycles: 4

H Set if borrow from bit 4.
C Set if borrow (set if $r8 > A$).

SUB A,[HL]

Subtract the byte pointed to by **HL** from **A**.

Cycles: 2

Bytes: 1

Flags: See **SUB A,r8**

SUB A,n8

Subtract the value $n8$ from **A**.

Cycles: 2

Bytes: 2

Flags: See **SUB A,r8**

SWAP r8

Swap the upper 4 bits in register $r8$ and the lower 4 ones.

Cycles: 2

Bytes: 2

Flags:

Z Set if result is 0.

N 0

H 0

C 0

SWAP [HL]

Swap the upper 4 bits in the byte pointed by **HL** and the lower 4 ones.

Cycles: 4

Bytes: 2

Flags: See **SWAP r8**

XOR A,r8

Bitwise XOR between the value in $r8$ and **A**.

Cycles: 1

Bytes: 1

Flags:

Z Set if result is 0.

N 0

H 0

C 0

XOR A,[HL]

Bitwise XOR between the byte pointed to by **HL** and **A**.

Cycles: 2

Bytes: 1

Flags: See **XOR A,r8**

XOR A,n8

Bitwise XOR between the value in *n8* and **A**.

Cycles: 2

Bytes: 2

Flags: See **XOR A,r8**

SEE ALSO

`rgbasm(1)`, `rgblink(1)`, `rgbfix(1)`, `rgbgfx(1)`, `rgbds(7)`

HISTORY

`rgbasm(1)` was originally written by Carsten Sørensen as part of the ASMotor package, and was later repackaged in RGBDS by Justin Lloyd. It is now maintained by a number of contributors at <https://github.com/gbdev/rgbds>.